# ANDOVER NEWS

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Our Keynote:
"If There Is Not a Way, Cut a Way"

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## We Can Be Thankful

THOMAS PAINE said in the dark day of the Revolutionary War, "These are the times that try men's souls." Today we are watching battle lines with oceans between the fighting areas and it is difficult to realize what it means to us thousands of miles in another direction, should the Allied bastian hold in North Africa and Japan be turned back definitely from the Solomons.

Our profoundest sympathies go out to all who are touched by the war. We are reminded of a communication received: "Don't worry about me, Mom. God has always watched over me and now in war I know that He will protect and guard me."

Millions of homes are treasuring messages like this from soldiers in camps, on the front lines in most parts of the world, and from submarines on the Seven Seas.

Army generals from Washington to our present day leaders have prayed. Our prayers go up increasingly for those we think are in the right. If this war goes on to a victory on the battlefield, the fate of civilization will be left hanging in the balance. All our strength, our influence will be needed to save it. We should be planning for that day.

There is a popular song of the day that asks God to Bless America. God has blessed America. Let's remember that as we bow our heads on Thanksgiving Day.

## Christmas Seals

THIS week marks the opening of the annual sale of Christmas seals to combat tuberculosis. Soon we will be brightening letters, cards and packages with the cheerful little stickers which shown that we have helped in some way toward a worthy end.

They tell us that the battle against tuberculosis is nearly won but that special effort must be made in wartime to consolidate gains and hold them. Disease always has gained headway during such times of stress and this is no period to slack up in a fight which has been successful so far.

This is the season of thankfulness and giving. The Christmas seal sale is an old, established custom now, one which will be carried on for many more years. Do what you can to help the sale and use the little seals when they come to you.

Most speakers would be more careful of what they say if they knew that someone in the audience would question their statements.

Advice is usually worthless because older people have had more experience and rarely heed it and the younger people know everything and do not need it.

What with gasoline and tire rationing and transportation restrictions, the long-heralded day of "trade at home" appears on the horizon.

Forward-looking children are already looking forward to the arrival of Santa Claus. It won't be long now.

Why is it so much easier to tell somebody else how to do something than it is to do it yourself?

## A Letter From Home For 52 Weeks

THE most acceptable gift for a service man (ask any of them) is a subscription to his home-town newspaper, just like a letter from home 52 weeks in each year. The cost, for The News, is only $1.00 a year, sent to any service man, anywhere, at home or abroad. And a card will be sent in each case, announcing the gift.

Of the more than 110 men from the town of Andover now in service, many are subscribers to The News. Others receive it from their families, mailed from home. Many of these would get it more promptly and without postage cost if it were mailed from the newspaper office.

The News makes a special effort to keep up with the changing addresses of service men. It is no small task and is one which can be made easier if parents, relatives and friends of the men will notify the newspaper office promptly of each change.

There is nothing that takes the place of the home-town newspaper as an upholder of chins or on board ship. Again, ask any mother who gets this when he and his buddies think of it. The home-town newspaper tells the man, far from home, each week with clocklike regularity, just what's going on back here. It tells him about his friends in the service at other points, gives news which no person could include in letters.

If you're casting about for a suitable gift, here is the answer.

## Shop Early

THIRTY days to Christmas, only 24 of which may be called the familiar name of "shopping days."

And Christmas shopping, accelerated by the necessity for earlier mailing to men overseas and in camps in the armed forces, is already under way, especially in the larger centers. But the appeals for people to get busy are going to come thick and fast now.

No matter what the urgency, of which there is plenty this year, there will always be people, including some of our most respected citizens, who will leave their purchases until so late that they are nearly crushed and trampled in the stores in their endeavor to get the right thing for aunt and uncle and little junior.

Remember that early shopping gives an opportunity to make a more careful selection and to get better clerk service. Early mailing is possible, with the "Do Not Open Until Christmas" advice on the package. And this time early shopping may mean getting some articles which will not be obtainable later, when present stocks are gone. The benefits are universal. You are not so rushed, the stores are not so rushed, the postal workers are not so rushed and there is better feeling and good Christmas spirit all around.

Begin your buying now!

The idea that business can proceed as usual will get another jolt about the first of the year.

Have you done your duty to our fighting men in connection with the scrap collection campaign?

Hughie Jennings, as manager of the Detroit Tigers, once refused to look at a likely prospect for the position of shortstop because his record of 87 games and no errors was "too good." "Any shortstop who has played that many games without an error isn't going after the hard ones," said Jennings. "I have found it to be true that the fellow who never makes a mistake is a fellow who never does anything of importance." This seems to be good sense. By reducing an activity to routine, the element of chance can be pretty well eliminated, but such tactics do not win baseball games or contribute to outstanding success.

One effect of the war: We won't have to buy a new car just because we want to "keep up with the Jones's."

The so-called "white collar" jobs are not what the man in overalls sometimes thinks they are.

## PUSH HARDER!

## 18% OF HER PAY GOES INTO WAR BONDS

**War Plant Worker Buys Bonds for Worrier Husband**

Although she has two children to support on her wages as a power press operator at a war plant, Mrs. Mabel W. puts 18% of her pay every week into War Bonds through the Payroll Savings Plan.

Mrs. W. thinks of every bond she buys in terms of what it can do for her soldier husband out in Australia. "Already," she says, "I've bought Jim a Garand rifle and a gas mask in War Bonds. I feel I'm helping to bring him back safe and sound!"

**You Can Spare 10%!**

Maybe you can't save as much as 18% of your salary in War Bonds. But you can stretch yourself a bit more—make a few "sacrifices"—and reach Uncle Sam's goal of **10% for War Bonds every payday!** Sign up today with the Payroll Savings Plan where you work!

## THUMBNAIL HISTORY OF U. S. ARMY DIVISIONS

**FIRST DIVISION**

**Organized from Regular Army troops in June, 1917; arrived in France same month under command of Maj. Gen. W. L. Sibert. October 23, 1917, Battery C, 6th Field Artillery sent of Rathlement fired first American shot in World War. Took first German prisoner captured by Americans, and suffered first combatant losses November 3, 1917. During operations the Division took 6,681 prisoners. Its casualties totaled 26,932. Served in Army of Occupation near Coblenz and returned to U. S. late in August, 1919. Its insignia is red figure on olive drab.**

**SECOND DIVISION**

**Organized October, 1917, from troops of Regular Army and Marine Corps. First unit of Division arrived in France in June, 1917. Its commander was Maj. Gen. Omar Bundy. Participated in Aisne-Marne offensive and succeeding operations. It captured 12,026 prisoners and suffered 25,076 casualties. Joined Army of Occupation and returned to U. S. in August, 1919. Its insignia the "Star and Indian Head" on square of blue.**

**THIRD DIVISION**

**Organized from Regular Army troops in November, 1917, at Camp Greene, N. C., commanded by Maj. Gen. Joseph T. Dickman. Went to France in April, 1918, and served its entire time—88 days—in active battle areas. Chateau-Thierry, St. Mihiel and Meuse-Argonne. It advanced 41 kilometers against enemy resistance and captured 2,240 prisoners and great quantities of artillery and machine guns. Its insignia is three white stripes diagonally superimposed on a square field of royal blue.**

**FOURTH DIVISION**

**Organized from Regular Army troops December, 1917, at Camp Greene, N. C. It included also the first drafted men to enter the ranks. It was commanded by Maj. Gen. George H. Cameron. It arrived in France in May, 1918, and was active in Noroy and Hautevennes offensives, the Vesle and Toul sectors and the Meuse-Argonne. Nicknamed the "Ivy Division", its insignia is four green leaves superimposed on a diamond of olive drab.**

**FIFTH DIVISION**

**The "Red Diamond Division" was organized at Camp Logan, Tex., and arrived in France in March, 1918. It was composed of Regular Army troops in command of Maj. Gen. John E. McMahon. It participated in the St. Mihiel and Meuse-Argonne operations, capturing many prisoners and large quantities of arms and munitions. It served with the Army of Occupation until the summer of 1919. Its insignia is the ace of diamonds.**

## To Save Sugar

By KATHARINE FISHER and DOROTHY B. MARSH
*Authors of The Good Housekeeping Cook Book*

THE sugar-rationing program may prove to be a blessing in disguise. For while refined sugar is packed with energy, it lacks all other food factors. Then too, many of us have been eating far too much sugar—oftentimes at the expense of an adequate daily diet which should include milk, cereals, vegetables, fruits, eggs, meat, cheese, fish, etc.

You will find it easier to stay within your sugar quota, if you remember the following points:

1. Serve fewer desserts requiring sugar. Instead serve fresh fruits sweetened sparingly or not at all, and canned fruits, as well as fresh and canned fruit juices frequently—they're all rich in natural sugar, and delicious as desserts.
2. When you do make desserts try using less sugar. Puddings, custards, ice creams, sauces, etc. often call for more sugar than they really need, and so the family will probably never miss the sugar you cut out of them.
3. Urge your family to use less sugar in coffee and tea, and to stir it well. Sugar left unstirred in the bottom of the cup is a waste. Try corn syrup, honey or canned sweetened condensed milk as the sweetener.
4. Serve waffles, griddle cakes, or French toast, with maple syrup, waffle syrup, honey, molasses, jam or jelly for dessert.
5. Serve cheese, crackers and jelly, jam or fruit for dessert.
6. Buy and serve packaged prepared puddings, gelatin desserts, gingerbread mixes, rennet custard desserts, pie fillings, commercial ice creams, quick frozen strawberries and peaches, canned fruits and fruit juices, packaged cookies and other ready-to-serve dessert items. By so doing you conserve your sugar supply.
7. Encourage the family to sweeten cereals with molasses, honey, corn syrup, maple syrup, waffle syrup, etc.

**Sugarless Pie Meringue**
*(Page 798)*

Beat 3 egg whites until frothy. Gradually beat in 3 tbsp. white corn syrup, and beat stiff. Heap on pie; bake in a slow oven of 300° F for 30 min

**Sugarless Two Egg Cake**
*(Page 725)*

2¼ c. sifted cake flour — white corn syrup
2¾ tsp. baking powder — 2 eggs, unbeaten
½ tsp. salt — milk
½ c. shortening — 1¼ tsp. vanilla extract
2 tsp. grated orange rind

Sift dry ingredients together 3 times. Work shortening and rind together with back of spoon until fluffy and creamy. Add syrup gradually, while beating thoroughly with a spoon. Add ¼ of flour mixture, and beat until blended with a spoon. Add unbeaten eggs, one at a time, beating well after each. Add remaining flour in thirds, alternately with milk in halves, beating thoroughly with a spoon after each addition. Add vanilla. Turn into 2 greased floured 8" layer cake pans. Bake in a moderately hot oven of 375° F. 30 min., or until done.

## LOCAL BOYS IN U. S. SERVICE

This list of Andover's soldier boys will appear in the News from time to time in an effort to keep it complete and up to date. Any changes or omissions that are noted please report to the News office.

Henry Lee Antan, M. M. 2c
P. F. C. H. Bruce Baker
Corp. Howard Baker
Corp. Howard Brewster
Lt. Edward P. Brewster
Lt. Wilfred S. Brown
P.F.C. Clifford Bixby
Corp. Raymond Briggs
Pvt. Clyde Briggs
Sergt. Clifford Burdick
Sergt. Francis E. Cable
A. C. John L. Cannon
Corp. Richard Coates
Capt. Edward Cannon
Sergt. Ernest Clark
Pvt. William A. Crosby
P. F. C. Elwin E. Clark
P. F. C. Gerald Dolan
P. F. C. George Dean
A. C. Leo Fulkerson
Lt. James W. Fuller
Sgt. William Dougherty
Corp. Jason Hawks
Pvt. Alvin M. Hoover
P.F.C. Jeane E. Greenan
Pvt. Lester LaVern Greene
Pvt. Fordyce E. Hall
P. F. C. Gerald Hyland
Sgt. Lawrence R. Howland
Llwyn L. Howland, T. M. 2nd Cl.
Lt. John S. Herrick
Sergt. Donald J. Joyce
Sergt. Raymond Lynch
Pvt. Earl Matison
Pvt. Frank McKibben
Pvt. Lynn Matison
Pvt. Joseph McAndrew
Pvt. Floyd Neupert, Jr.
Pvt. Franklin Nye
Pvt. Joseph Monroe
*George E. Prue
Sgt. Daniel Reisman
P. F. C. Edward S. Staebell
Sgt. Robert E. Scott
2nd Lt. Alan H. Tuttle
Corp. Kenneth Vars
Sergt. Victor Yannie
Corp. Emilio Yannie
Staff Sgt. Vincent Yannie
Pvt. Raymond Winchell
Pvt. William Weed
Pvt. Irving E. Whitsell
P. F. C. Walter Gath
Pvt. Robert O'Boyle
Pvt. Frederick Halsey
Pvt. Everett Briggs
Pvt. Burrel H. Cole
Pvt. Howard L. Gath
Sergt. Herman R. Ingraham
Pvt. Harold C. Church
A. C. Donald E. Hardy
Pvt. Arnold LeBar
A. C. W. Paul Alderson
Pvt. Leo Baker
Pvt. George R. Joyce
A. C. Leslie W. Brundage
Lieut. E. Claire Greene
Sergt. William Martin
A. C. John W. Saunders
Sergt. Charles R. Burgett
Pvt. Albert T. House
Pvt. Paul L. Jackson
Pvt. Elwin L. Gayhart
Pvt. Fred W. VanCuren
Pvt. Robert Perry
Donald DeRemer, Sea. 1c
Corp. Allen Harvey
Pvt. Donald J. Lynch
Capt. Howard J. Leahy
St. Sgt. Leslie Sherwood
Pvt. William L. Dugan
Roland Shaff, Sea. 2C
William S. Wahl, Sea. 2C
Pvt. Michael V. Gavin
Pvt. John J. Regan
Pvt. Clifford E. Perry
Pvt. Daniel J. Mullen, Jr.
Pvt. Stanley W. Sherwood
Pvt. John A. Connor
Pvt. Donald M. Lewis
Pvt. Wilbur C. Lehman
Pvt. John Howland
Quintin West, Sea. 2C
Pvt. Kenneth Gath
Lt. J. Robert Common
Pvt. George Leslie Lehman
Pvt. Donald L. Nichols
Pvt. John E. Baker
Pvt. Max B. Baker
R. C. T. Carl Honegger
Pvt. Edward J. Dean
Pvt. Leo A. DeRemer
Pvt. Clyde H. Kemp
Pvt. Raymon Rogers
Pvt. John Ahrens
Pvt. Paul W. Childs
Pvt. Clarence S. Wagner
Pvt. Lyle B. West
Pvt. Ralph H. Skinner
Pvt. Linford E. Grossman
Pvt. Merle Linza
Vincent McAndrew, V6AS
Pvt. John C. Bronson

(*—Navy rank not known.)


TO RELEASE FLOW OF
**LIVER BILE**
Get a bottle of Kruschen Salts tonight. Half an hour before breakfast, take as much as will lie on a dime in a glass of water (hot or cold) or in your morning cup of tea or coffee and keep this up for 30 days. Kruschen taken this way helps relieve such symptoms as sick headaches, bowel sluggishness and so-called bilious indigestion when due to sluggish flow of bile from the gall bladder. You can get Kruschen, a famous English formula made in the U. S. A., at any drug store. You must be satisfied or money back.




# A Week of the War

President Roosevelt, in a radio address, said that "During the past two weeks we have had a great deal of good news and it would seem that the turning point of this war has at last been reached. But this is no time for exultation. There is no time now for anything but fighting and working to win."

Navy Secretary Knox reported the total damage inflicted on Japan in the Battle of the Solomons November 12-15: sunk, 2 battleships (1 may have been a heavy cruiser,) 4 heavy cruisers, 2 light cruisers, 6 destroyers, 8 transports, 4 cargo transports; damaged, 2 battleships, 1 cruiser, 7 destroyers. The Japanese lost between 20,000 and 40,000 troops, as well as large numbers of naval personnel. U. S. losses were 2 light cruisers and 6 destroyers sunk.

Mr. Knox said U. S. forces are in complete control of the area in and around Guadacanal and "our hold on the island is very secure." The President said the battle is a major victory. War Secretary Stimson said Army aircraft from Australia and New Caledonia played an active and effective role in the battle.

Allied headquarters in North Africa reported that American, British and French troops are driving into Tunisia from all sides, closing in a ring around the northwestern triangle of Bizerte and Tunis. The British First Army, reinforced by U. S. and French units, engaged Axis mechanized columns in Tunisia and drove them back, the War Department announced. Gen MacArthur's headquarters reported November 21 that American and Australian forces are driving hard against the Japanese, who are pinned along the northeastern coast of New Guinea between Buna and Gona on a narrow beachhead extending 20 miles along the coast and 6 miles inland.

**Selective Service**

President Roosevelt ordered registration for Selective Service for all young men who have reached the age of 18 since July 1, as follows: those born July 1 to August 31, 1924, inclusive, to register the week beginning December 11; those born September 1 to October 31, 1924, to registed December 18-24; those born November 1 to December 31, 1924, to register December 26-31. Young men reaching 18 after January 1 will register on their birthdays. Selective Service Headquarters ordered distribution of questionnaires to 18 and 19-year-old registrants, who will be inducted as their order numbers are reached.

"To make sure that no one who is really irreplaceable shall be separated from an essential position," the President ordered the Secretaries of War and Navy to "see to it that present Government employees, who have been deferred, are not enlisted or commissioned, unless they can produce the approval of the head of their agency." Mr. Roosevelt said that after his order November 17 for cancellation of all deferments already made on the basis of Federal service, there was a rush of Government employees to get into uniform. He said his new order should apply not only to the regular civilian employees of the Government "but also to employees in Army arsenals and in Navy yards and Navy shore establishments owned or operated by the United States."

The new manpower setup to be completed soon, the President said, would provide for deferment and prohibition on enlistment of men needed more urgently for war production than in the Army. More uniformity could be obtained from local draft boards, he said, by plant managers certifying to the boards cases of men who are irreplacable and more consultations between draft boards and war production employers.

**The Armed Forces**

Navy Surgeon General McIntire said Navy fatalities among the wounded at Guadacanal are less than one per cent, compared with an average of seven per cent wounded in World War 1. — due principally to use of new medical discoveries in treatment of wounds. The President appointed Brig. Gen. Frederick H. Osborn, Chief of Special Services of the War Department, as chairman of a committee which will work out plans for post-war education of young men whose school years are interrupted by entrance into the armed services. The President increased the maximum size of the WAAC's from 25,000 to 150,000 women. More than 1,000,000 soldiers have applied for benefits on behalf of their families under the Servicemen's Dependents Allowance Act.

The Office of War Information announced 48,956 members of U. S. armed force have been officially reported as killed, wounded, missing or prisoners since the war began — exclusive of the African campaign. The War and Navy Departments organized the United States of America Typhus Commission, headed by Rear Admiral Charles S. Stephenson, to "function as a board of strategy against typhus, the common foe of all armies and of all people."

**Production**

War Production Chairman Nelson announced aircraft production in 1943 has been fixed at more than double the 1942 output. At the same time he appointed a new top board of aircraft production supervision under the chairmanship of WPB Vice Chairman Charles E. Wilson. Mr. Nelson issued a statement asking war workers to stay on their jobs Thanksgiving Day. The WPB Smaller War Plants Division reported it has completed its operating organization and now has the staff necessary to carry out its work.

**Farm Prices and Production**

The WPB froze until March 6, 1943, one-half of the supply of cold storage butter in the 35 principal markets of the country — between 30 and 35 million pounds. Without regard to existing contracts, this butter may not be delivered except on specific permission by the WPB or to the armed forces, Lend-Lease, or other specified Government agencies. The freeze order applies to any person in the 35 markets, who between November 6, 1942, and November 20, 1942, had any butter in his possession or under his control in any warehouse. He is required to set aside until March 6, 1943, 50 per cent of the supply of butter he had on hand November 6 or November 20, whichever is higher.

The OPA set special price ceilings on turkeys sold direct to consumers by farmers and processors. Terms of Commodity Credit Corporation contracts offered to farmers in Wisconsin, Iowa, Indiana, Illinois, Minnesota and Kentucky for the production of 300,000 acres of hemp in 1943 were announced by the Agriculture Department. Contracts will be available at AAA county offices in a few weeks. Employment on farms November 1 totaled 10,879,000 a seasonal decline of about 1,000,000 persons during October and representing a much higher percentage of women, children and townspeople.

**Rationing**

The OPA cut the value of the basic A gasoline ration coupon from 4 to 3 gallons in the District of Columbia and 16 of the non-rationed Eastern States. B. and C books were not affected. Those motorists who because of the change of the value of the A coupon, are unable to obtain "essential mileage" may now apply for supplemental rations. To allow motorists extra time in which to dispose of idle tires in excess of five per passenger car, the OPA postponed the deadline for idle tire turn-ins until December 1. A total of 2,872,000 tires has been turned in by motorists at the close of business November 14.

**War Finances**

To finance the war effort the Treasury will borrow during December the unprecedented sum of approximately $9 billion, Treasury Secretary Morgenthau announced. Twelve Victory Fund Committees will launch an intensive sales campaign on November 30 on three series of offerings of new securities, with 44,000 volunteer workers soliciting subscriptions. At the same time the War Savings Staff with its 200000 volunteers, will intensify its drive to add at least 7 million more income-earners to those already investing regularly in War Bonds through the payroll savings plan.


**ITCH** CHECKED in a jiffy —or Money Back
For quick relief from itching causes by eczema, athlete's foot, scabies, pimples and other itching conditions, use pure, cooling, medicated, liquid D. D. D. PRESCRIPTION. A doctor's formula. Greaseless and stainless. Soothes, comforts and quickly calms intense itching. 35c trial bottle proves it, or money back. Don't suffer. Ask your druggist today for D. D. D. PRESCRIPTION.


## HOW, WHAT AND WHY?

Special to the Andover News

The Andover News has arranged with the Office of Information of the New York State Colleges of Agriculture and Home Economics to answer questions about problems of farm and home. If you enclose a self-addressed, stamped envelope and mention the name of this paper you will receive a direct reply to your query from the colleges. Do not ask more than one question in one letter or on one postcard. Ask as many questions as you like, but make each one a separate communication.

**Homemade Crack Filler**

Mrs. P. H. asks: "Can you tell me how to make crack filler from old newspapers, for use on a floor with wide boards and cracks?"

Specialists of the New York State College of Home Economics reply: "Throw enough shredded newspapers into three quarts of hot water to absorb all the water. Let this soak until it is soft and pulpy. Mix one-half pound of flour and one-fourth pound of powdered alum, and stir this mixture into the pulp as it cooks, until it is as thick as putty. Make sure it does not burn in the cooking. Color it to match the finished flooring. This recipe provides enough crack filler for one or two rooms.

"Before the crack filler is put into place, the cracks should be cleaned of dust and dirt, and painted with linseed oil, floor paint or varnish, to prevent the dry boards from absorbing the moisture from the crack filler and making it shrink."

**Keep Kraut Covered**

Mrs. L. M. asks: "What kind of cover should be put on a barrel or crock of sauerkraut while it is fermenting?"

Specialists of the New York State College of Home Economics advise: "Place a layer of muslin over the top of the kraut, and over this a paraffined wooden cover, slightly smaller than the top of the crock or barrel. A weight should be kept on the cover so that the juice wets the cloth and comes to the top of the wooden cover, but not over it. As a heavier weight is needed at the beginning of fermentation than at the end, a gallon bottle of water makes a good weight, as the weight can easily be changed by pouring out water."

**Freshen Furs**

Mrs. E. A. asks: "Can you tell me how to freshen fur collars at home?"

Mrs. Gladys Butt of the College of Home Economics suggests: "Shake, brush and beat out the dust from the collar. Dip a clothes brush in a solution of one-half teaspoon of washing soda, one-fourth teaspoon of baking soda, and one quart of water. Dampen the fur by brushing it in the direction in which the hairs lie. (If fur is curly, do not wet it, but clean it with sawdust dipped in the solution and dried before use.) Place the dampened fur on a table, and rub in hardwood sawdust for about 20 minutes, to absorb the soda solution. If the fur is very greasy, dampen the sawdust with a dry-cleaning solvent such as carbon tetrachloride, before rubbing it in the fur. Shake out the sawdust, and then glaze or finish the fur.

"To glaze the fur, dampen it with a wet brush. Then rub it with a hot luring pad until the fur is dry and glossy. The luring pad is made of a muslin sack that will fit over the hand, filled with cotton padding. In use, the pad is placed over one hand, and heated on an iron after each rubbing stroke on the fur."

**Not Sure**

The electrician was puzzled. "Hey you" he called to his assistant, "put your hand on one of those wires."

The assistant did as he was told.

"Feel anything?"

"No."

"Good," said the electrician. "I wasn't sure which was which. Don't touch the other one or you'll drop dead!"

# Ask the Scientist

If you have a question to ask the scientists, mail it to the New York Press Association, The Castle, Syracuse, N. Y. The Science Board of the Radio Workshop at Syracuse university will answer each week in the Andover News those questions considered most interesting and timely.

**1—What makes the sea salty?**

Answer.—The oceans are great salt strainers. Every stream which flows into the ocean carries some mineral matter with it. Part of this mineral matter is precipitated or deposited, but part of it—and this includes the common salt in the water—stays in solution. When the water evaporates to enter the air from which it falls as rain, snow, sleet, or dew, the salt is left behind.

During the two thousand million years of earth history, enough salt has been left in the oceans to equal about one-fifth of the volume of the land now above sea level. Every thousand pounds of sea water has dissolved in it 34 pounds of salts of several kinds with common salt (sodium chloride) making up more than three-fourths of the total.—Dr. Earl Apfel, geologist.

**Question 2.—What is the driest place on earth?**

Answer.—The driest place on earth, if we mean the place that has the least rainfall, would be on the western coast of South America around the Antacama desert which has on the average a rainfall about once a year.—Dr. Earl Apfel, geologist.

**Question 3.—We have read a great deal lately about blood typing. How are blood types classified?**

Answer.—Four human blood types are recognized. These, according to the international classification, are called types, O, A, B and AB. About 85 per cent of the population have either type O or type A. About ten per cent have type B and about five per cent type AB.

Classification of blood is based upon the presence or absence of certain substances. Blood types are inherited to a certain extent. This does not mean, however, that children will have the same type as the parents. Because of this fact, attempts to determine parentage thru blood types have not always been successful.

The blood type of an individual does not change during his lifetime. The individual is born with either the presence or absence of certain substances in the blood and this cannot be changed.—Dr. Verlus Lindeman, zoologist.

**Question 4.—Are South American people really different from North American people?**

Answer.—We are different. The people of North America are groups of people that have accumulated from Europe. We have groups of English, Italians, Germans, etc. They have retained their racial types, whereas the people of South America are the result of wide hybridization. The maternal parent of the South American is the Indian. The paternal parent is the European.

Genetically, we are fundamentally different from the South Americans. South America is more a melting pot of the world than is North America.—Dr. Ernest Reed, geneticist.

**Question 5.—Why do children grind their teeth at night?**

Answer.—Different children may grind their teeth at night for different reasons. The temperament of the child may be a very important factor. Grinding teeth is an unconscious act and the state of mind of the child when going to sleep may influence the amount of unconscious movement during sleep. I believe that if one observes a child grinding his teeth, he will also observe that other muscles in the body are moving.—Dr. Lindeman.

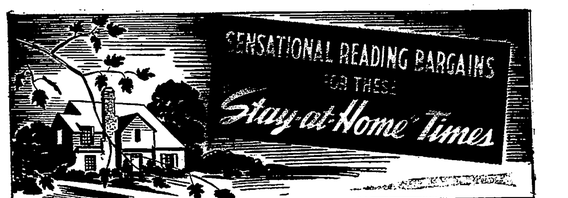
**Question 6.—What is the difference between plants and animals?**

Answer.—The only distinguishing feature is the nature of the wall of the cell of which the living matter is composed. Plant cells have rigid cell walls. Animal calls have pliable walls. It is a difference in the structure of the cell walls.—Dr. Reed.

**Politeness Appreciated**

An Irishman had been thrown over a fence by an enraged bull. He had just recovered when he noticed the bull pawing the ground and furiously tossing his head.

"If it wasn't for your bowing an' scraping," said Mike. "I'd think yer threw me over on purpose."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