

## Skeletons Of One-Celled Plants Now Playing Vital Role In Industry

Mention of the diatom in casual conversation may produce a blank stare, yet fossils of this microscopic marine plant play an increasingly important part in industry.

Packed in huge deposits over millions of years, the fossils from diatomaceous earth, or diatomite. Men has used the hard, compact rock of diatomite in building for the last 2,000 years, but it is only within recent decades that its larger potential has been realized, says the National Geographic Society.

Today the substance is used for such various jobs as filtering antibiotics and strengthening highway concrete. Diatomite is vital in the production of camouflage paint used in wartime. Only recently it was incorporated into a new cigarette filter. It is used to insulate blast furnaces, and it makes a fine abrasive for silver polish.

Diatoms are members of the algae family. They help nourish plants, the vast, floating sea pastures that provide food for many forms of marine life. The unicellular plants have a remarkable ability to extract silica from the water in which they live, and with this silica they build external skeletons of incredibly delicate design. When the diatoms die, the skeletons remain. They sink to the floors of seas and lakes.

These lacy skeletons, with their porosity, give diatomite four important qualities: light weight in relation to bulk, tremendous surface area per pound, high absorptiveness, and excellent suspension properties in liquids.

As diatomite is practically pure silica, it is chemically inert and weal-night fireproof.

Diatomite's lightness led Emperor Justinian to use it in the dome of St. Sophia Cathedral in Istanbul. Albert Nobel made history when he soaked nitroglycerine into it and made dynamite in 1870.

As late as 1900, the entire annual world production was only about 20,000 tons. In 1957, however, world production was estimated at 750,000 tons.

The United States leads in the processing and development of diatomite. The largest deposits are found in California, Nevada, Oregon, and Washington. Other major producers are France, Finland, and Denmark. Russia is believed to have enormous deposits, but little is known of Russian production.

About three-fourths of all the diatomite produced is used for filtration of liquids. Formed into a training cake, diatomite is porous enough to let the liquids flow freely, but its billions of lacy partitions are capable of removing even bacteria.

In paint, the diatom's structure and light-diffusing properties produce flat and semigloss finishes. It increases the opacity and brightness of paper.

Hence diatomite is often called "white gold," and costs about \$40 a ton. Mined or quarried, the one-cell diatom has come to be one of the 20th century's valuable raw materials.

February, 1960 or this notice will be pleaded in bar of their recovery. All persons indebted to said estate please make immediate payment to the undersigned.

This the 8th day of January, 1959.

Mrs. Lillie Leatherwood, Administratrix  
Rr. 1, Marble, N. C.

### Mrs. Mildred Ray Named Chairman Of Heart Group

ANDREWS— Mrs. Mildred Ray, cashier of the Citizens Bank and Trust Company of Andrews has been appointed treasurer of the Heart Fund, it was announced today by Mrs. Paul Jordan, chairman of the Cherokee County Heart Committee.

"While the major fund-raising efforts on behalf of the Heart program, both in this county and state and throughout the nation, take place in February," said Mrs. Jordan, "memorial gifts on behalf of people who have died from heart or blood vessel diseases are acceptable at any time during the year. For this reason, we are delighted that Mrs. Ray has accepted the post of treasurer of our local Heart Fund. People who wish to make such memorial donations may send check to her in this capacity."

In assuming her voluntary job for the North Carolina Heart Association, of which the local committee is a unit, Mrs. Ray said, "There appears to be a growing trend for people to make memorial gifts when honoring those who have died. Customarily, these gifts take the form of donations to the national health agency conducting research into the disease which caused death. It is a thoughtful and highly practical way to remember those who have passed on."

### COLLEGE HINTS

Safety tips on Winter driving— When your windshield is iced up, start your engine and defroster. Placing the palm of your hand against the inside of the glass will help. Use a scraper on the outside. Once the ice begins to melt, use your windshield wipers to clear it off. Be sure they are in good condition.

Remember, when you begin to skid, don't step on the brake. Steer in the direction of the skid. Ease up on the gas, but don't take your foot off suddenly. When you have control of the skid, slow down gradually.

When you run into fog, slow down and keep well to the right. Use your windshield wipers and defroster. Wipe the inside of the glass frequently. Keep your lights on day or night, and use the low beam.

Always count your change— regardless of how small it is or how big a hurry you are in. If you have the habit of not counting your change after making a purchase, you may lose a lot of money.

Fresh and odorless— to keep sponges fresh and odorless, wash them in warm water and soap, then rinse thoroughly. When you have removed all the soap, let them soak in a solution of cold salt water for about 30 minutes. The salt solution gives them added buoyancy and keeps them free from odor.

### Jan Davidson Presides Over Club Meeting

Jan Davidson, president of the Fifth Grade Club, presided over the club's meeting on Tuesday, Gary Bryson, Mike Jordan, Bobby Potter, Patricia Guffey and Jan Davidson made book reports. The club decided Mike Jordan's report was best.

The Seventh Grade Club met on Thursday with Jimmy Jordan, president, calling the meeting to order. Book reviews were given by Charles White, Vivian Harris, Judy Sanders, and Hilda Decker. Charles White's report received the largest number of votes.

In the book contest, "Famous Book Characters", Johnny Rogers had a perfect score and won the prize. A playlet was given by the members of the Sixth Grade Club. After a business session presided over by the Ginger Smith, president of the club, the meeting was turned over to Jane Whitley, chairman of the program committee. She announced the cast of the play, "Cincinnatus". The Roman senators were: John Cooke, Larry Fox, Darrell Timpson, Russell Caldwell, Howard Dockery, Billy King, Gene Farmer, James Sneed and Richard Rawlings. Richard Casey was "Cincinnatus," Becky Jo Ray was Racilia and Luke Nave the Messenger.

Richard Casey won the award for the best actor.

A book review was given by Sarah Alice Jeffries.

In the book contest, Missy Wilson had a perfect score and won the prize.

### LEGAL NOTICES

**NOTICE**  
NORTH CAROLINA  
CHEROKEE COUNTY

The undersigned, having qualified as Administrator of the estate of the late of Edie Roberts deceased, late of Cherokee County, this is to notify all persons having claims against said estate to present them to the undersigned on or before the 15th day of January, 1960, or this notice will be pleaded in bar of their recovery. All persons indebted to said estate will please make immediate payment to the undersigned.

This the 10th day of January, 1959.

Cecil W. Roberts  
Administrator d.b.a.  
Rt. 1, Murphy, N. C.

25-6c

**NOTICE**  
NORTH CAROLINA  
CHEROKEE COUNTY

The undersigned, having qualified as Administrator of the estate of Charlie Cooper, deceased, late of Cherokee County, this is to notify all persons having claims

**HENN THEATRE MURPHY**

WED., THURS., FRI.  
FEB. 4 - 5 - 6

**THE HUNTERS**  
IN COLOR  
Starring  
**Robert Mitchum  
Robert Wagner**

SATURDAY, FEB. 7th  
DOUBLE FEATURE

**George Montgomery In TOUGHEST GUN IN TOMBSTONE**

— Also —  
**DARK VENTURE**  
IN COLOR  
**John Calvert  
Ann Cornell**

SAT. LATE SHOW  
**TEENAGE BAD GIRL**  
**Anna Neagle  
Sylvia Syms**

SUN., MON., TUES., FEB. 8-9-10  
**THE BIG COUNTRY**  
IN COLOR  
**Gregory Peck  
Jean Simmons**

WED., THURS., FRI.  
FEB. 11 - 12 - 13

**STRANGER IN MY ARMS**  
**June Allyson  
Jeff Chandler**

against said estate to present them to the undersigned on or before the 15th day of January, 1960, or this notice will be pleaded in bar of their recovery. All persons indebted to said estate will please make immediate payment to the undersigned.

This the 12th day of January, 1959.

J. W. DAVIDSON  
Administrator

25-6c

### NOTICE OF SALE OF REAL ESTATE

NORTH CAROLINA  
CHEROKEE COUNTY  
IN THE SUPERIOR COURT  
CHEROKEE COUNTY, A Municipal Corporation, Plaintiff,

-vs-  
LLOYD KILPATRICK and wife, PANSY GADDIS KILPATRICK; WILL KILPATRICK and wife, VELMA KILPATRICK; WALTER KILPATRICK and wife, BEULAH HILTON KILPATRICK; MRS. EDNA PASSMORE, widow and MRS. WELLS NEIL and husband, JOHN MAXWELL NEIL.

By virtue of authority vested in me by a judgment of the Cherokee County Superior Court, dated the 3rd day of February, 1959, in the above entitled action, I will, on Thursday, the 19th day of February, 1959, at 12:00 noon, at the Courthouse door in Murphy, Cherokee County, North Carolina, offer for sale to the highest bidder for cash the following described tract or parcel of land situate in Cherokee County, North Carolina, being more particularly described as follows:

BEGINNING on a stake in Frank Burrell's land, on the South side of the Mission Road, and runs an East course with said road 30 poles to a stake on the South side of said road; thence S. 44 E. 29 poles to the top of the ridge; thence a West course with the top of the ridge, 30 poles to the Frank Burrell corner; thence N. 44 W. with said line, 30 poles to the Beginning, containing five (5) acres, more or less.

This sale will be made subject to all outstanding taxes levied and assessed against the property.

This the 3rd day of February, 1959.

F. O. CHRISTOPHER  
28-2c  
Commissioner

### ADMINISTRATRIX NOTICE

NORTH CAROLINA  
CHEROKEE COUNTY

The undersigned, having qualified as administratrix of the estate of Willard M. Axley, deceased, late of Cherokee County, this is to notify all persons having claims against said estate to present them to the undersigned on or before the 15th day of January, 1960, or this notice will be pleaded in bar of their recovery. All persons indebted to said estate will please make immediate payment to the undersigned at her home in Murphy, North Carolina.

This the 9th day of January 1959.

ANNA BELLE AXLEY  
25-6c  
Administratrix

### NOTICE

NORTH CAROLINA  
CHEROKEE COUNTY

The undersigned, having qualified as Administratrix of the estate of S. E. Leatherwood, deceased, late of Cherokee County, this is to notify all persons having claims against said estate to present them to the undersigned on or before the 26th day of Feb-

**RENT LOST-FOUND SERVICE HIRE BUY-SELL TRADE**  
YOU'LL FIND IT IN THE WANT ADS

**DEADLINE FOR CLASSIFIED ADS: Noon Mondays**  
Rate: 50c for each insertion 25 words or less; three times for \$1.25. More than 25 words, two cents per word.

**MOST OF US** acquire furniture gradually, and forget to increase insurance. Tonight, list everything you own. Estimate the value. Compare with your coverage. See how "short" you are! Tomorrow, call Hyde Insurance Agency, VE 7-2438. 28-1tc

**FOR RENT:** Four room house in East Murphy. Call Marie Price, VE 7-2413. 28-3tc

**HOUSEWIVES:** Earn extra money during your spare hours. Pleasant and profitable. No experience required. Phone VE 7-3305.

**FOR RENT:** Nice five room apartment two blocks from Main Street. Close to school. Reasonable rent. Call 351-J Andrews. 28-3tc

**56-PG PLANTING GUIDE** Catalog in color, offering Virginia's largest assortment of plant material, including newer varieties in fruits, nuts, ornamental plant material—Free on request. Salespeople wanted. Write Dept. N24, Waynesboro Nurseries, Waynesboro, Va. 28-4tc

**FOR SALE** Baled hay, and 100 bushels of white corn. See W. E. Brendle, Brasstown, N. C. 28-6tp

**FOR RENT:** Five room house and bath. Cherokee Street. Phone VE 7-2813. VE 7-2564 night. 28-3tc

**HEATER NEED REPAIRING?** Bring your heater in for a free inspection. We are equipped to clean, reconditioned and repair your electric, gas and oil heaters. Guaranteed parts and labor. Gibbs Hardware, your Economy Auto Store. Dial VE 7-2122. 7-1tc

**WELL DRILLING:** Have your wells drilled: modern machinery. Six and eight-inch domestic and commercial wells. Macon Pump and Well Co. Write F. B. Rogers, Franklin, N. C. Call 375-J-J 24-1tc

**FOR SALE:** 1954 Fire Dome V8 DeSoto. Call 112-W Andrews or see Mrs. Ethel Colard, Topton 27-3tp

**FOR SALE:** 300 bushels corn. If interested come at once to the first house on left past Owl Creek Church. Contact Mrs. C. A. Sexton. 27-3tc

**FOR SALE:** One six room house. 30 Acres of land. House has water and electricity. Near Lake. Contact: David Dockery, Route 3, Murphy, N. C. 2-6-3tc

**WE BUY SCRAP IRON and junk.** Also burnt and wrecked cars. We sell all size concrete and cinder blocks. Kaye's Auto Parts

**WANTED**  
If you have farms or mountain land for sale, I have buyers that will pay top price. List with me. SEE

**SEE Dick Richards**  
Parker Building  
Murphy, N. C.  
Phone VE 7-2612

**WANTED AT ONCE** — Raleigh Dealer in Cherokee County. Write Rawleigh's Dept. NCB-70-R, Richmond, Va. 28-4tp

**REWARD** of \$1.00 to person who finds this cat. Silver Color, about eight inches tall and 10 inches long. White neck and stomach. Return to Mr. and Mrs. George Brown, Culberson, N. C. 28-1tp

**WANTED:** If you have a good 1955 or 1956 Ford tractor you want to sell at a reasonable price, with or without equipment contact, A. A. Williamson, Route 4, Murphy (Oak Park) 25-

**GROW YOUR OWN FRUIT:** Free on request—our 55 pg. Planting Guide Catalog in color, offering Virginia's Largest Assortment of Fruit Trees, Nut Trees, Berry Plants, Grape Vines. Landscape Plant Material, Salespeople wanted. Write Dept. N24, Waynesboro Nurseries, Waynesboro, Va. 25-1tc

**APT. FOR RENT:** Phone VE 7-2747 or see Merle Davis. 25-1tc

**SUDDERTH WELDING SHOP:** WE DO ALL TYPES OF Welding and Mechanical Work: Electrical and Acetylene. Also portable welder for going out—Buster Laney, Mechanic. Call VE 7-3312, 25-1tc

**FLOOR SANDING, FINISHING & PAINTING** — Free Estimate — J. W. DOCKERY VE 7-2464

**Photographs**  
Wedding, portrait and commercial photography. Kodak finishing and photostats. SMILEY'S STUDIO, Andrews, N. C.

**Expert Watch Repair** BY A GRADUATE WATCH-MAKER.

**E. C. Moore Jewelers**  
Murphy, N. C. Dial VE 7-2188

**NEW-COUNTER TYPE MODEL ASSURES SECURE FUTURE!**  
Earn up to \$300 Monthly Spare Time  
Service Route of the Market's Newest, Most Convenient, Cigarette Units  
Man or Woman Part Time  
No selling or soliciting.  
BUSINESS Established For You  
Business Established For You  
Income Starts Immediately  
\$1,000 to \$2,000 Cash Required  
Please don't waste our time unless you have the necessary capital and are sincerely interested in expanding. We finance expansion. Full time possibilities if fully qualified and able to take over at once.  
Write briefly about yourself and include phone number for personal interview.  
Box 146—Minneapolis 40, Minnesota.

The per capita consumption of chicken and turkey increased by 2.6 pounds last year.

**WANTED:** Raw furs and Ginseng. Contact J. P. Trull at Trull's Store, Marble. 28-4tp

**WANTED:** Girl from this area to go to Washington, D. C., to care for apartment and two small children; one goes to school and other is one year old. Live in apartment. Must be dependable. For information contact W. M. Mauney. 28-3tc

**DO IT YOURSELF** and save with our rental equipment. Floor sander and edger, hand sander, floor waxer, skill saw, electric drill, blow torch, paint sprayer, step and extension ladder, 2-wheel hand trucks, 4-wheel platform dolly, pipe dies and wrenches. We cut and thread pipe. Gibb's Hardware, your Economy Auto Store. Dial VE 7-3122. 7-1tc

**With Child**  
With a child in the family, it's difficult to move to a new home. Children require tender care and handling... in fact, the same care we give our precious household possessions. Call us today for a "Wife-Approved" North American move. (Your agency name, address and telephone number here in same size type.)

**Palmer Brothers**  
VE 7-3113 MURPHY, N. C.

**DOES YOUR OLD CHAIN SAW GIVE YOU TROUBLE?**  
If so, Come in and let us fix it or trade for a new Burns Saw. Shop located beside the Police Station in the Evans Building.  
We are also dealers for MERCURY outboard motors  
Clarence Stiles, Manager

**Cherokee Saw and Marine Supply**

The life expectancy of an American is now more than 70 years, compared to 48 years a century ago.

**FOR SALE:**  
Approximately 550 Bales of Hay, Orchard Grass and Clover. VERY GOOD HAY  
CONTACT  
**Charles Coleman**  
Murphy VE 7-2117

**HAVE YOU BAKED A CAKE?**  
See:—The Rambler—Page, 1

**FOR SALE:**  
One Building, formerly used as restaurant and grill. Partially destroyed by fire. Approximately four thousand square feet.  
Wood frame construction  
Outside Walls Weatherboard  
Inside Walls Plywood  
Hardwood Floors Asphalt Shingle Roof  
Cement Block Basement  
To be sold and torn down by the highest bidder. Bids accepted thru Feb. 27, 1959. For further information contact—  
**Arnold Allen, Fontana Dam, N. C.**  
Telephone 2833

**TELL ME.....**

**HOW FAST DOES RADIUM LOSE ITS VALUE?**

DISSIPATES ABOUT 1/2 ITS VALUE IN ABOUT 1800 YEARS... NO MATTER HOW CAREFULLY PACKED!

**WHICH IS THE LARGEST BEETLE IN THE WORLD?**

THE GOLIATH BEETLE OF AFRICA! IT GROWS TO A LENGTH OF 10 INCHES!

**HOW LONG DO GRAPE-VINES PRODUCE FRUIT?**

SOME VARIETIES REMAIN FRUITFUL FOR AT LEAST 400 YEARS!

**DO SOME SNAKES HAVE LEGS?**

YES! MANY LARGER SNAKES HAVE SMALL LEGS LOCATED UNDER THE SKIN NEAR THE TAIL!

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**THE FIZZLE FAMILY**

ADD-BAY! I'LL BE ON THAT BIG TELEVISION QUIZ SHOW TONIGHT!

LOTS OF LUCK DEAR!

OK YOUR ACCOUNT WIN ELLIOT. ERIC'S

GLIE IT TO THE FLOOR!

NEXT QUESTION... HOW CAN ONE MAKE MONEY FAST?

AND NOW OUR NEXT CONTESTANT, MR. FIZZLE! TELL US... WHY DO YOU NEED MONEY?

BECAUSE THEY SAY MONEY TALKS.

AND I NEED SOME TO TALK TO ME DURING THE DAY... I GET SO LONELY!

**PUGGY**

PUGGY IS SMART STUDYING SO HARD EARLY IN THE TERM!

THE OTHER PUPILS SHOULD BE AS AMBITIOUS!

DID YOU SOLVE A PROBLEM, PUGGY?

YES, TEACHER, THE ANSWER IS 9 MONTHS, 36 WEEKS, 252 DAYS, 6048 HOURS.

UNTIL OUR NEXT VACATION BEGINS!