Geologist Determines Age Of Grandfather Mountain

ports at McRae's Request

Grandfather mountain near here has enoic era, to the present this region This information has been relayed to been stable but which has gone

In 1930 Wilbur Nelson, a Corcoran the west. professor of geology at the Universi- At the close of the Paleosoic era, ty of Virginia, came to Linville at a great earth movement took place the request of Nelson McRae, presidence along a line roughly extending in a The talk of a winter convention to deriv of the Linville company, to southwest direction from the marident of the Linville company, to southwest direction from the marimake a study of the company proptime provinces of Canada to Alacetics, which include 1,600 acres of band, movements which resulted in land. The result of his work has breaking, folding, of faulting of the been ambofied in two reports one a conserning the tain-making, which look place many topography, drainage, formations, millions of years ago and is known geology, structure and natural retory geology, structure and natural retory geology, structure and natural retory geologists as the Appalachian sources; the other being merely a Revolution caused to fiat-lying sands sends to vandenberg are supposed to have had some communications on the subject and somewhere among those three the future intership of the party lies. The belief that Senatory Vandenberg, on his record in the sources; the other being merely a Revolution caused to fiat-lying sands senate to geologists as the Appalachian sources; the other being merely a Revolution caused to fiat-lying sands senate to geologists as the Appalachian sources; the other being merely a Revolution caused to fiat-lying sands senate to geologists as the Appalachian senate to geologists as the Appalachian sources; the other being merely a Revolution caused to fiat-lying sands senate to geologists as the Appalachian senate to geologists as the mountain region of western North be folded, compressed and faulted, dential nomination is widely held Ward, assistant supervisor. Carolina. It is from this latter re- due to the movement of the surface here.

from a molten state far below the to continuously wear away these farmily, and have paid a federal tax Cove Creek schools the surface due to the wearing away creeks and rivers these croded par- early this month to a round billion in schools where there is an interest by erosion of the many thousand feet ticles of rock and soil have been car- dollars, which is more than the most in an enriched course of home econ years which have clapsed since it tic some toward the Gulf of Mexi- The 'hard liquor' and wine taxes ed home community program. In solidified by cooling.

In all geologic processes one must know them came into being. use a yardstick for measuring geo- The harder, less soluble rock, belogic times of approximately 100,000 ing more resistant to erosion, formed years, or even a million years, instead the mountains such as Grandfather, of the yarastick of minutes, hours while the softer rocks formed the and years which we use in ordinary valleys and low ranges of this sec-

Cranberry Granite

forms much of the surface of Grand- close of the Paleozoic, plus a father was solidified from a molten gentle uplift or warping of this remass, and became a surface rock gion several times since then, that body lay in the hand of one of the IMPROVEMENTS MADE formed part of the land surface of mountain scenery. the earth during this geologic period, Even today Grandfather towers the oceans and only life of the lower height of nearly 6,000 feet above sea

face igneous activity during which cause of this that the view to be obmolten lava riowed out on the cur. tained from the top is one of the face of the earth, not from voicanic most beautiful to be found anywhere cones as one sees it today in many in castern America. parts of the world, but welling up from great rifts or cracks in the THE WEEK IN WASHINGTON earth's surface until many thousands this flow stopped.

Surface Flow

The great surface flows were of folks back home may change the attwo types, one known as the Linville metadlobace, the other as the Montezuma schist. But both have been altered and changed due to the heat "old-line" Democrats from the south A faint tremble of the heart musaltered and changed due to the heat and pressure of the mountain-formcavities, some of which have been mashed flat or elongated, which were to build up new industries.

They or some of them. epidete, or red jasper.

earth movements which resulted in the settling and submergence of land themselves Probably for the first time the area of Grandfather mountain changed from land to a water surface of the party at the 1940 presidential conven-

still existed land, composed of high mountain masses which lasted into Cambrian time. Their wearing the solid south held the balance of of sandstone, conglomerates, and ventions shales which total several thousand Grandfather westward so that dur- of practical politicians ing that time this area was in the party to any extent. eastern edge of a great epicontinen-

University of Virginia Profes- From the depositions made in this sor Makes Survey and Re- area from the mountains to the east geologists have concluded that from the close of the Cambrian period Lowille, Aug. 6 - For many years known as the beginning of the Palebeen known as one of the ordest, if has been a continuous land area; a not the oldest mountain in the world, land area, however, which has not visitors to the top of the mighty old through one or more great cycles. peak since the opening of the two- uplift, deformation and down-warp, mile by road to a point near the and has also been subject to erostor top and has naturally caused quite a which resulted in the deposition of

bil of discussion as to just how this at least 48,000 feet of sediments in the Paleosoic soap that existed to

geologic story of the Grandfather stones, conglomerates and shales to sight now for the Republican presi-

surface of the earth and is now at rocks. With the aid of the rivulets, of \$5 a barrel, which summed up overlaying rocks in the millions of fied away, some toward the Atlan- ardent advocates of repeal predicted co, until the mountain points as we

tion It is this differential erosion at work through the millions o So This Cranberry granite which years that have elapsed since the even during pre-Cambrian time. It has added the final touch to the mer

ten an life on the earth lived in above his neighbor peaks to the level while the valleys have a gen-Then came a period of intense sur eral elevation of 4,000 feet. It is be-

(Continued from Page One) and the things they hear from the be this will be a miracle.

They are concerned about numer ous tendencies which they believe ing force to which this region has will handicap the progress of the been subjected. The original struc- south and infringe upon the rights brushed his hand across his eyes. ture has been lost and the rock- of the southern states to look after forming minerals greatly altered, problems which they regard as pe-The only visual evidence left in this culiarly their own. They are afraid rock to show it was originally a sur- of federal regulation of hours and face lava flow is small, round, filled wages, believing that it will put the

formed by gas bubbles in the flow raged by the renewal, in the last days The smaller of these cavities have of the session, to put over the antibeen filled by white quartz, green lynching-bill. They have been be pidete, or red jasper. hind the administration, up to this into his heart.

This great flow came at or near year, by reason of their ingrained Harrison's e the close of the pre-Cambrian period tradition of party loyalty, and they and ushered in a period of great still retain that loyalty to the Demothe New Deal which is disloyal, not

Republicans Planning for 1940 tion is shaping up. Here the south To the east of this region, in the is handicapped by the abolition at area now known as Piedmont, there the 1936 convention of the two-thirds away produced the great thickness power in Democratic national con-

Republicans are laying their plans feet. The sediments washed off the for 1940, also. Talk of a coalition mountains to the east were deposited or constitutional party, to unite the in the newly-formed sea, extending conservative elements of both parties is widely heard, but with little evifrom the region just east of the dence so far that it has the support

The Republican national organiza-

AT GRANDFATHER HOME



Children of Grandfidher home, Banner Elk, at play. The cottages are the two permanent stone buildings of the institution. Under the development program of the Edgar Tufts Memorial asociation it is bound to replace the other structures, which are frame, with similar buildings,

have not yielded so much.

Surgeons Sew Negro's Heart, He Survives

Delicate Operation is Performed in Winston-Salem Hospital

Winston-Salem, Aug. 24-Two mer in white bent over an apparently promoting better home and commu-lifeless form in the drab-gray operatig 100m at City hospital.

The heart from the still, death-like

Eyes glued to the delicate huma ynamo, the other man watched in ip a long gash in the heart.

There was no sign of life in the black body of Lester Harrison. An interne felt of the negro's pulse. "It's gone," he said. There was no sound in the big

The surgeons worked on, fighting against time. They never stopped, refinished on the inside A nurse wiped perspiration from their foreheads.

of square miles were covered. Then start home to have it out with their as he worked to save a life, "there is constituents. The passage of time a chance. Maybe he will live. May-

Weary almost from exhaustion, the surgeons looked hopefully. On e "God," he thought, "is it moving?"

Lesfer Harrison would live, may-

Thirty minutes before he was wheeled from an ambulance in the hospital yard to an elevator and

olled into the room Police had found him dying in front of his home on Cleveland avenue. An ice pick had been jabbed

Harrison's eyes were glassy when they wheeled him through the swinging doors to the operating room. That was last night.

On a white cot in a floor below the room where doctors performed a surgical miracle to save nis life, Harrison lay today There was a smile on his face.

'Ah feel fine, doctor," the negro told Dr. J. B. Whittington, superintendent of the hospital. But Harrison is still a sick man.

Anything can happen, almost. The shadow of death still hovers over his bed. But he thinks he will live.
"My chest," he said, "is a little
sore. But Ah feels fine."

Police, meanwhile, are looking for darrison's wife. They believe she abbed her husband and fled. Harrison won't talk about it. He

von't tell anybody who stabbed him. t's the code of his race He just lies there on his white cot and smiles.

"Ah ain't a-hurting, boss," tion is still pretty well disorganized said. "They can't kill me."



port that the reason for Grandfather's rocks from the coast to the west being called 'the oblest mountain in the world' can be obtained.

Geologic Story

The geologic story of the Grandfather mountain region is one that goes and relationships of the bound edge to shewing from the unbound edge to tayers and masses which make up the surface of the earth.

The oblest rocks exposed on Grandfather and are of three types, all of igenous or fine, and are of three types, all of igenous configing. One type known as the action of heat and cold, wind and from a molten state far below the continuously wear away these rocks are fine senators and representatives back to their bount experience of the senators and representatives back to their bount experience of the senators and representatives and representat

Departments of this type are found emics through a more closely relataddition to high school classes and supervision of home projects carried by pupils, the teacher organizes adult groups interested in related subjects of home-making to the extent to which interest demands and time permits

Mrs. Harmon and Mrs. Brown are anxious to co-operate with all local and county agencies interested nity life and urge that they be called upon to render any service possible

AT HARDWARE STORE

The mezzanine floor of the Farm ers Hardware and Supply Co. has usely as the elder surgeon closed been extended so as to provide the establishment with about six hundred feet of extra display space. er improvement which greatly enhances the exterior of the progressive institution is the placing of striped black glass in the space between the sidewalk and display windows. The windows are aso being

A new variety of glass has been produced by French manufacturers. It is so tough that it can be nailed to the wall drilled or sawed, without danger of fracture.

SPECIAL NOTICES

FOR SALE-Eight weeks old pigs. Joe Moody, Vilas, N. C.

from Boone, just off Blowing Rock refund the same; road. Good 7-room house and out- \$4,000.00 Street Improvement Fundbuildings Plenty water. Price reasonable. Rev. W. C. Payne, rensonable. Rev. W. C. Pa

FOR SALE AT a low price, 2 threegallon nilk cows. Must sell now. W. L. Winkler, Shulis Mills. 1p

ulture training. It will pay you to investigate our modern school. Tuition \$65.00 Mochimann Beauty School, Hickory, N. C. FOR SALE-Six good Holstein cows,

thoroughbred Holstein bull. Failhealth cause for sale, A. C. Trivett, Sugar Grove, N. C., Route 8-19-tf-2p 1, Box 44. MAN WANTED for Rawleigh Route

five milkers.

of 800 families. Write Rawleigh's, Dept. NCH-23-SA. Richmond, Va. 8-12-3p

LUMBER FOR SALE-About 15,000 Ellison, 2 miles below Todd.

I HAVE a number of good used pickups and trucks will exchange for horses and mules. If interest-

FREE If excess acid causes you Stomach Ulcers, Gas Pains, Indi-Heartburn, Beiching, Bloating, Nausea, get free sample

WANTED, GIRLS-To learn Beauty Culture Complete course only \$50,00. Positions secured for graduates. Instructors have had many years experience. Write for book-let, Hinshaw School of Beauty Culture, Box 46 46, North Wilkes-the municipality has been filed with

the practice of his profession.

Ready for delivery. See or write

WE OFFER YOU the best in Beauty \$84,000.00 Water Supply System 6%

feet of cull oak and chestnut. Will sell at reasonable price. Don

ed write me. Frank G. Harris, Hickory, N. C. 7-26-40

doctor's prescription, Udga, at the Boone Drug Co. 7-8-12p

EYES EXAMINED-Glasses fitted, spection Complete modern examination by appointment. Glasses complete
7.50 to \$10.50. Dr. Wellman,
Mountain City, Tenn. 8-15 and was first published on the 19th Thursday each week. Other days not be submitted to the voters.

Nose and Throat Specialist, Elizabethton, Tenn., will be in the office must be commenced within thirty of Dr. J. R. Haraman in Bone on of Dr. J. B. Hagaman in Boone on days after its first publication, the first Monday in each month for

NOTICE

An Ordinance Authorizing the Issuance of \$218,900.00 Refunding Bonds.

Be it ordained by the Board of Commissioners of Boone, North Carolina:

Section 1. Bonds of the Town shall be issued to the maximum aggregate principal amount of \$218,000.00 for the purpose of refunding the following bonds of the town now outstanding and to be cancelled simultane FOR SALE-59 acre farm, 4 miles ously with the issue of the bonds to

> ing 6% Bonds dated October 1. 1922, and maturing \$1,000.00 October ist of each year 1933 to 1936,

\$6,000.00 Street Improvement Bonds dated January 1, 1924, and maturing \$1,000.00 January first of each year 1936 to 1941, inclusive

Bonds dated July 1, 1925, and maturing \$2,000.00 July 1, 1935, \$1,000.00 July 1, 1936, \$2,000.00 July 1, 1937 to 1957 inclusive: \$5.000.00 July 1, 1958 to 1964 inclusive, \$4,000.00 July 1, 1965.

\$40,000.00 Street Improvement 6% Bonds dated February 1, 1926, and maturing \$2,000.00 February 1, 1934 to 1939 inclusive, \$4,000.00 February 1, 1949 to 1946 inclusive. \$36,000.00 Street Improvement 6%

Bonds dated May 1, 1926 and maturing \$1,000.00 May first of each year 1934 and 1936, \$2,000.00 May 1, 1937 to 1939 inclusive, \$4,000.00 May 1, 1940 to 1946 inclusive.

\$14,000.00 Street Improvement 6% Bonds dated October 1, 1926 and maturing \$1,000.00 October 1934, \$1,000,00 October 1, 1936 to 1944 inclusive, \$2,000.00 October 1, 1945 and 1946.

\$22,000.00 Street Improvement 6". Bonds dated October 1, 1928 and muturing \$1,000.00 October 1, 1934 to 1939 inclusive, \$2,000.00 Octo-ber 1, 1940 to 1947 inclusive,

\$12,000.00 Refunding 6% Bonds dated September 1, 1932 and maturing \$5,000.00 September 1, 1947 and 1948 inclusive, \$2,000.00 September 1, 1949. Section 2. A tax sufficient to pay

the principal and interest of the bonds shall be annually levied and collected in the manner and amounts to be hereafter specified by resolu-

7-29-8c the municipanty has been to public in

Section 4. This ordinance shall room over Bank. Wednesday and take effect on its passage and shall

8-15 and was first published on the 19th DR. C. B. BAUGHMAN, Eye, Ear, day of August, 1937.

G. K. MOOSE.

BUSINESS ASSOCIATE WANTED

We want a capable man to invest in a successful retail business in the city of Boone, N. C., where he will own, operate and control his capital. EXPERIENCE in our line is not essential; we provide the necessary training free. For full particulars write

WESTERN AUTO SUPPLY CO. 311 W. Wendover Ave., Greensboro, N. C.

POTATOES

Attention, Farmers!

We have a two-horse Potato Digger in stock which we will sell at reduced price for quick sale. Come look it over. Will do the work of eight or ten men.

> WE CARRY A COMPLETE STOCK OF POTATO HOOKS AND BAGS

BOGGS POTATO GRADERS ON SPECIAL ORDER

FARMERS HARDWARE And SUPPLY CO.

BOONE, N. C.