

'Lost Cause' In Granite



MR. VENABLE AND GUTZON BORGLUM (RIGHT)



BORGLUM SKETCHING 9-FOOT HEAD OF LEE

STONE MOUNTAIN MEMORIAL TO THE CONFEDERACY A NEW WONDER OF THE WORLD

By JOHN DICKINSON SHERMAN

Work has been begun upon a new wonder of the world—the "Lost Cause" in granite—the memorial to the Confederate States of America to be carved on the face of Stone Mountain, sixteen miles east of Atlanta, Ga.

Stone Mountain is in itself a natural wonder. It is a solid mass of granite rising abruptly from the level farmlands. It covers an area of seven miles. It slopes on three sides. There is a path to the summit from the south side; its length is approximately a mile.

It is estimated that the mountain contains granite enough to pave a highway 70 times around the earth. Quarrying has been done for years and many notable buildings the country over are built of its granite. The Venable family owns the mountain and quarrying has made them rich. It is said that Sam H. Venable swapped a mule for the mountain.

It is a popular belief in Atlanta and towns adjacent to the mountain that it was once the home of a great Indian tribe and that the Indians were the only ones who were ever able to scale the perpendicular side. But so far as known history goes there has never been a human being who has succeeded in climbing this side. Many have tried, some have met death, others have been able to get a part of the way up, but never has a man been able to go all the way to the top of Stone Mountain except along the one beaten track from the south approach.

The present day Ku Klux Klan held its first initiation at midnight atop the mountain and since that time has held many ceremonials on it. It is said that in the carpetbag days just after the Civil war the real Ku Klux Klan held many meetings there.

Mr. Venable has donated the sheer north cliff to the Daughters of the Confederacy, under whose auspices the memorial is being made.

The memorial will be carved on the sheer face of Stone Mountain. Therefore this memorial to the "Lost Cause" faces the north—an accidental fact, but interesting!

This sheer north face of Stone Mountain is about 700 feet high. It is only slightly corroded by the elements through the centuries and bears no vegetation. Nature has made it ready for the chisel of man.

The memorial, in brief, represents the fighting men of the Confederacy marching across the face of the cliff. The host will occupy a space of approximately 700 by 100 feet. The carved strip will have about 300 feet of cliff below it and 300 above it. Incidentally, the illustration herewith is not in proportion.

Gen. Robert E. Lee, with Jefferson Davis, president of the Confederacy, leads the muster. His head is nine feet high. A body in proportion would be 63 feet tall. A good-sized horse stands 15 hands—40 inches. A 63-foot man on a 50-foot horse would be about 81 feet high from ground to hat.

This indicates the size of the figures of the memorial.

The memorial is to represent the mobilization of the Confederate forces. All branches of the army—infantry, cavalry, artillery—will be shown marching across the face of the mountain. A group of Confederate leaders will be seen in the foreground reviewing these troops. This group will include Lee, Davis, Jackson, Johnston, Beauregard, Stuart, Gordon and Wheeler.

Gutzon Borglum, the American sculptor of world-wide fame, is the presiding genius of the work. He is quoted as saying that he has donated his services; that the memorial is with him a labor of artistic love; that he intends to make it his life work; that completion may be expected in about eight years; that the completed memorial will take a front rank among the wonders of the world.

If the memorial is to be one of the wonders of the world, the methods of its making are scarcely less wonderful.

As a preliminary to the actual carving of the figures, the biggest photographs ever imagined by man will be printed on the face of the cliff.

These photographs will be printed on the cliff exactly as a photographer in his dark room prints a picture on a piece of sensitized paper. The side of the mountain will be the piece of paper. It will be sensitized with chemicals. At a distance of 700 feet away on the flat plain will be stationed a huge projecting machine. Mr. Borglum will stand at the machine and throw his picture on the mountain side, where the chemicals will retain the impression on the solid rock.

"First I will determine the exact location for General Lee's figure, which will be the first to be carved. I will make that spot on the mountain sensitive to light by pouring chemicals over it. Men will be lowered down the mountain side with several barrels of nitrate of silver. The application of the nitrate will, in effect, turn the granite into a sensitized plate. Working only at night, because the night itself will be my dark room, I will let the rays of the lamp shine against the sensitized mountain side for several hours.

"After that, more men will be lowered down the mountain side. They will pour over the exposed spot developing fluid and then 'fixing' fluid. At last the spot will be washed with about 10,000 gallons of water poured over the brink of the precipice. When daybreak comes the picture should be imprinted plainly.

"When one spot is printed the workmen will begin carving on it at once in order to avoid the picture fading by any chance, though it should remain there for months, perhaps years. I will treat the side of the mountain in this way, section by section, until the entire memorial is printed and carved."

The lamp to which Mr. Borglum refers is thus explained by him:

"When I first thought of this plan I wrote to different manufacturers of lamps, but at first my plan appeared to them to be impossible. It wasn't, however. I have finished assembling at my studio in Stamford, Connecticut, a lamp, the most powerful ever built in this country, that will throw its

rays a distance of 700 feet, which is the distance I must project my drawing from the foot of Stone Mountain to the point where I intend to carve.

"It will be necessary to fix the lamp so that it can be held absolutely motionless. This will be due to the fact that the negative I place in the lamp will be magnified many times over on the mountainside. For instance, in experiments I have made in my studio at Stamford, the head of General Lee's horse was little more than the size of a pinhead on the slide, and yet when I projected it on a canvas 600 feet away, it was enlarged to the height of 24 feet. A tiny error in the adjustment of the lamp or in the proportions of the drawing on the negative will be magnified manyfold on the mountainside. This means that we will have to use great pains, and that our task of completing the outline of the memorial will not be finished in a night."

It is evident that the carving of the memorial is a dangerous undertaking. Mr. Borglum says on this point:

"Of course the work will be filled with dangers. Many of the men engaged in it may lose their lives, for a false step at any time will mean an instantaneous death—yet the thought of danger only heightens my desire to overcome all obstacles.

"It is my plan to carve the figures of Lee and of Davis first, a work that will cost about \$100,000; then I will proceed with the others in the main group; and after that I hope to carve an entire army marching across the face of the mountain. If I am able to do that, the various groups of the memorial will extend for a distance of 700 feet across the mountainside.

"The memorial, as I plan it, will without doubt be the greatest monument ever built. The single figures will dwarf other pieces of sculpture, and the entire effect of an army marching across the mountain in review before their leaders will be bigger than anything of its sort ever before attempted."

The successful completion of the memorial will doubtless result in other features that will transform the neighborhood.

Mr. Venable, who lives in Atlanta and is a millionaire, has subscribed liberally to a project for an open-air theater at the foot of the cliff, below the memorial. It has been demonstrated that the sheer cliff constitutes a most remarkable sounding board. Marie Tiffany, an opera star, sang with her back to the cliff and it is said that her voice was heard at a distance of a mile. An orchestral concert was recently given at the foot of the cliff with astonishing results. So it is proposed to build an enormous open-air theater, patterned after the Coliseum of Rome and seating 20,000 persons.

Mr. Venable also says that he hopes the Daughters of the Confederacy will build a hotel adjacent to the park of several hundred acres to be established at the foot of the mountain. He intimates that unless they do he will himself build a fine tourist hotel to take care of the crowds of visitors.

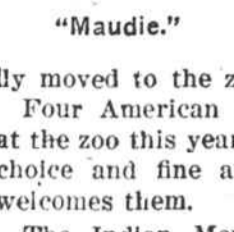
Then there is talk of a museum along lines suggested by the memorial. This may be established in chambers to be blasted out of the mountain.

Daddy's Evening Fairy Tale
 MARY GRAHAM BONNER
 IN ZOOLAND SOCIETY

The Giraffe Family are still the leaders in Zooland society. There are none, it is said, who stand higher than they do.

Miss Libby Hippopotamus is the debutante daughter of Mother Chloe Pygmy Hippopotamus. This means, the mother states, that her daughter is ready to be a Pygmy Hippo society bud. The daughter was named after Liberia where the mother was born. The old homestead was given up when the family moved to the zoo in the city.

Four American Bison have arrived at the zoo this year. They are all very choice and fine and Zooland society welcomes them.



"Maudie."

The Indian Mongoose is giving a series of Friday afternoon talks on "Snakes We Have Killed," and other interesting topics. The Indian Mongoose is famous in India for the number of deadly King Cobra snakes which it kills so bravely, even though the Mongoose is a little creature.

The Mongoose sees and acts quickly and knows just how to catch a snake behind the head. The Cobra, strange as it may seem, has a weak heart, and after the Mongoose has caught the snake behind the head he whirls him about so fast that the Cobra becomes dizzy and his heart gives way. These and other interesting facts the Mongoose will tell in his Friday afternoon talks. No admission charged. The Cobra would kill many thousands of people in India were it not for the brave members of the Mongoose family. As it is the Cobra does a great deal of wicked work.

Two pairs of Rocky Mountain Sheep and one pair of Mountain Goats have arrived in the zoo.

Another young Giraffe leader is expected to arrive with his mate almost any day now. They, of course, will add greatly to zoo society. Besides, they give the visitors so much to talk about. They are almost as popular as a topic of conversation as the weather is, they say.

The zoo is hoping to get a West African Pygmy Elephant before long. The other animals say that this will be an addition to zoo society.

Some Royal Elephants are expected to arrive, too. They will surely give an aristocratic touch to the society of the zoo.

The Rifle Bird is trying out his voice, which, it is said, sounds something like shots being fired. He says he has never been robbed for he is his own policeman and burglars would always be afraid of him.

Maudie, the Australian Kangaroo, is celebrating the approach of spring by coming out of her den, also bringing with her a fine young daughter which she carries in her pouch. She also carries a handsome son in her pouch, too, for Kangaroo mothers think baby carriages are not nearly so smart as pouches for carrying children about in.

A porcupine arrived at the zoo last week and it is said to be a handsome and a worthy creature for Zooland society.

A South American beaver, whose name among those who know him well is Coypu, has also taken up his residence in the zoo.

A white-faced monkey has arrived and is a charming young monkey, it is said.

Khartoum, the African Elephant, has been getting fixed up for spring society by having a massage or rub and a fine bath. His toe nails, too, have been cut.

The Lions and the Tigers are greeting spring in their usual restless fashion by pacing up and down their yards.

Silver King, the Polar Bear, spends all his time in his bath. Spring is here and warm weather is on its way, he announces.

The Frogs have begun to croak and the Frog Glee club meets every evening for practice in preparation for the great spring concert. The other creatures say that the frogs need plenty of practice.

The Squirrels and Sparrows about the Park are still boasting of the Christmas party they had when the children came and hung bags of nuts and suet on the trees and wished them a Merry Christmas.

These are some of the latest items of news in Zooland society.



"In His Bath."

True.

Sunday School Teacher—Now, Tommy, do you know what we should do before our sins can be forgiven?

Tommy (anxiously)—Well—er—I guess we must sin.

BOY SCOUTS
 (Conducted by National Council of the Boy Scouts of America.)
 PARENTS AID BOY SCOUTS

One of the greatest tributes to the boy scout program of character building and citizenship training is the increasing interest of mothers and fathers in the work of their scout sons. Scouting is creating a bond of comradeship between thousands of sons and fathers who in increasing numbers are spending week-ends together at scout camps, relaxing in the out of doors, skating, skiing, hiking and sledding together. Father and son hikes, banquets and get-togethers are held in practically every community. Contests between "lads and dads" create splendid rivalry and make dad want to get out with son in the open more and more.

One big-hearted father who, as an incentive to his own boy, joined the ranks of the tenderfoot scouts recently with his son reached the very top of the ladder together—Eagle rank.

And mother! You may be sure she is very proud of son's manliness, his scout bearing, his practice of the scouts' daily good turn, of being ready at all times to help others, his courtesy to the old, the weak, the sick, his deference to those older than himself, his growing strength from his outdoors life. These things with their ultimate bearing on character building, mothers are keen to appreciate. To further the work, scouts mothers' clubs, committees, and associations are being constantly formed. Mother and son hikes and even mothers' week at camp are evidence that the scout son knows "the best pal of all" is right behind him in his advance in scoutcraft.

Scouting does not supplant the home training. It supplements it and fortifies it. Scouting's best supporters are the mothers and fathers who from daily observation see with gratification sons who are living every inch as scouts.

"A SCOUT IS THRIFTY"



Boy scouts honored Benjamin as an exponent of thrift, as well as a great patriot, on the occasion of Franklin's two hundred and seventeenth birthday, when, in common with 40 other national, educational and civic societies, the scouts laid a tribute of flowers at the great statesman's statue in New York city, Scout Adolphe Schmidt, a member of Troop 2, Brooklyn, N. Y., at the ceremony impersonated Franklin at the age of seventeen, arriving at Philadelphia.

A FEW SCOUT "GOOD TURNS"

Here is a series of "good turns" with a splendid climax for which credit is due Troop 1, Ashland, W. Va.: Pruned 50 trees, cleaned streets, removed debris from lot where house had partly burned, cleaned around dwelling houses, set out 60 trees and helped find boy who had run away from home.

CO-OPERATE WITH BOY SCOUTS

Thirteen theological seminaries in various parts of the United States are showing active indorsement of scouting by including training for future scout leaders as a regular part of their curriculum.

BOY SCOUTS AID BIRDS

Carrying food daily through the winter to game refuge, and distributing it at places where thousands of wild birds congregate, is one way Troop No. 1, Hamilton, Ohio, has of carrying out the sixth scout law, "A Scout is Kind." During the autumn migration of birds the boys threw food along the lake shores after the sanctuary birds had been penned up for the night. It is said the birds now recognize the scout uniform as a sign of friendliness.