



Hoodoos Cast Their Spell

Hoodoo—a pillar of rock, usually of fantastic shape, left by erosion. Hoodoo—to cast a spell. At Bryce Canyon National Park erosion forms an array of fantastic shapes we know as hoodoos. Surrounded by the beauty of southern Utah, hoodoos cast their spell on all who visit. Geologists say that 10 million years ago forces within the Earth created and then moved the massive blocks we know as the Table Cliffs and Paunsaugunt plateaus. Rock layers on the Table Cliffs now tower 2,000 feet above their corresponding layers on the Paunsaugunt. Ancient rivers carved the tops and exposed the edges of these blocks, removing some layers and sculpting formations in others. The Paria Valley was created and later widened between the plateaus. The Paria River and its tributaries still carve the plateau edges. Carrying dirt and gravel, rushing waters gully the edges and steps slopes of the Paunsaugunt Plateau on which lies the national park. With time, tall and thin ridges called hoodoos, that, weakening and falling, add their bright colors to the hills below.

People have been in the Colorado Plateau region for about 12,000 years, but only random fragments of worked stone

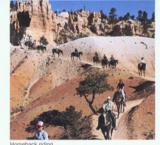
reveal their presence near Bryce Canyon. Artifacts add details of human use at lower elevations beyond the park boundary. Ancestral Puebloan and Fremont cultural influences found nearby are studied by archeologists. Paiutes, who lived in this region when settlers and other people from the eastern states came to southern Utah, accounted for the hoodoos as the "Legend People" whom Coyote had turned to stone.

Capt. Clarence E. Dutton and John Wesley Powell explored this area in the 1870s and gave it many place names. Dutton's report gave the name Pink Cliffs to the Claron Formation. Names from the Paiute are Paunsaugunt, place or home of the beavers; Paria, muddy water or elk water; Panguitch, water or fish; and Yovimpa, point of pines. Paiutes were displaced by emissaries of the Church of Jesus Christ of Latter-day Saints who developed many small communities in Utah. Ebenezer Bryce did such work in southwestern Utah and northern Arizona. In 1875 Bryce came to the Paria Valley to live and harvest plateau timber. Neighbors called the canyon behind his home Bryce's Canyon. Soon after 1900, people were coming to see the colorful geologic sights, and the first accommodations were built



along the Paunsaugunt Plateau rim above Bryce's Canyon. By 1920 people were trying to protect the canyon's scenic wonders. In 1923 President Warren G. Harding proclaimed part of the area as Bryce Canyon National Monument under the Powel (now the Dixie) National Forest. In 1924 legislation was passed to establish the area as Utah National Park, but the provisions of the legislation were not met until 1928. Legislation passed that year changed the name of the new park to Bryce Canyon National Park.

Each year over 1.7 million people visit the park from all over the world and take delight in the sights, which are as varied as the hoodoo's shapes and colors. Open all year, the park offers recreational opportunities in each season. Hiking, sightseeing, and photography are the most popular summer activities. Spring and fall months offer greater solitude. Winter quiet combines with the region's best air quality for unparalleled views and serenity. In all seasons the fantastic shapes and colors cast their spell and remind us how important it is to protect places like Bryce Canyon National Park.









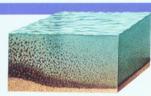


Ancient Sedimentation
Our dynamic planet is constantly being reshaped by dramatic events like earth-quakes, volcanoes, and mudslides. Other changes may go undetected in human lifetimes. Geological timespans or dots cover millions of years. The Cretaceous obd began some 144 million years ago and du until about 65 million years ago. The rock lations you see exposed at Bryce Canyon an to develop during this time. For 60 million is a great seaway extended northwestward this area. It deposited seediments of varying mess and composition as it repeatedly invadretreated, and then re-invaded the region.

Retreating to the southeast, the seaway left sedi-ments thousands of feet thick. Their remnants form the oldest, lowest, gray-brown rocks at Bryce Canyon.

In the Tertiary Period, between 65 and 40 million years ago, rivers and streams flowing from surrounding highlands deposited iron-rich, limy sediments into an ancient freshwater lake system. The sediments became the reddish-pink rocks that represent the Claron Formation from which the hoodoos are carved and for which the Pink Cliffs were named by Capt. Clarence E. Dutton.









On the Colorado Plateau the high elevations and may grow sur arid lowlands.







Exploring Bryce Canyon

Visiting the Park

Tollowing the plateau rim for much of its 18 miles, the park road and its overlooks offer stunning geological panoramas. Stop at the visitor center first and watch a free video, look at the exhibits, and browse the books, maps, and other publications about the park and this area. At the information desk, you can get advice about your visit.

Bryce Canyon National Park offers more than driving tours. Rangers conduct walks talks, and campfire programs in summer. Their topics range from geology and wild-life to air quality. Some 50 miles of hiking trails offer prospects of close encounters with hoodoos. Several trails lead down among them from overlooks on the main park road. Just a short walk will leave you surrounded by these unusual rock forma-





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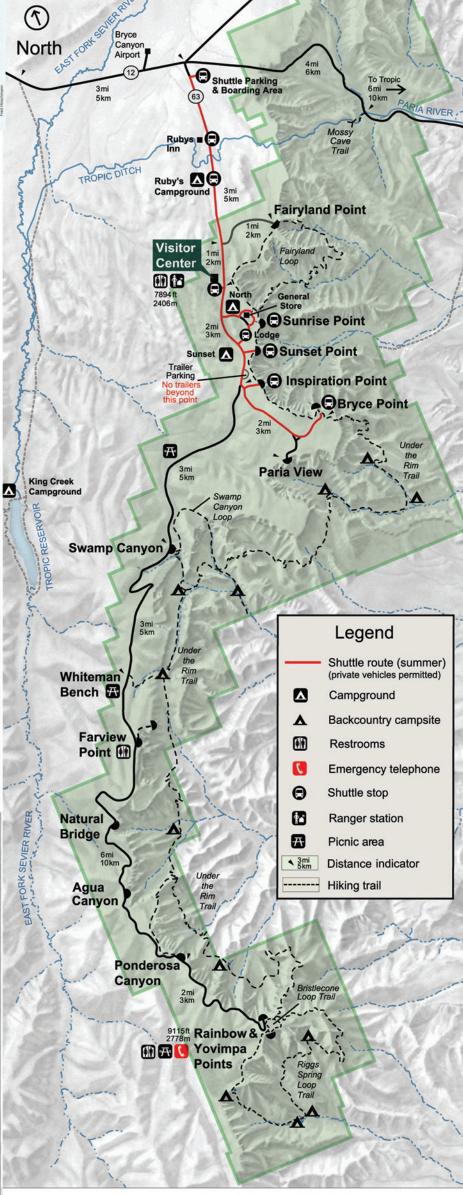












Driving Along the Plateau Rim







