After the battle came the night. It was the night of March 27, 1814. The soldiers stretched wearily by the campfires. General Andrew Jackson sat in his tent at Horseshoe Bend and thought of the great victory. At last he had broken the power of the Creek Indians. Hundreds of warriors lay dead in the sweeping bend of the Tallapoosa River.

Across the river, deep in the forest, a man stood motionless and alone. He was William Weatherford, also known as Red Eagle, a leader of the Creeks. He had escaped from the battle, and he would be hunted.

Yet Red Eagle did not flee. He thought of the Creek women and children hiding in the forest without food or protection. He sighed and made a decision. He would offer his life in exchange for food and safety for his people.

Red Eagle crossed the dark river and stood before Jackson, waiting for death. But Jack-son, admiring his courage, allowed Red Eagle to leave in peace. Before long the Creeks and other tribes left Alabama, and settlers took the land.

One of Alabama's nicknames, Heart of Dixie, comes from the fact that the state is located in the heart, or center, of the South. There are several stories about the origin of the word "Dixie." Perhaps it came from the French word dix*,* meaning "ten." This word was printed on $10 bills used in the state of Louisiana before the Civil War. The bills were called dixies, and the name Dixie, or Dixie Land, came to be used for all the cotton-growing states.

Alabama has a long history as a farming area. The Indians were its first farmers. Long before European settlers came to the New World, the Indians cleared the thickets-thick growths of shrubs, bushes, and vines

—along Alabama's rivers and carried on agriculture. Then settlers took the land, and fields of fluffy cotton began to stretch across Alabama. For years the state was known as a land of cotton. But the time came when Alabama's farmers realized that it was not wise to depend on a single crop. They began to grow. many different kinds of crops and to raise hogs, cattle, and chickens. Today leaders of the state say that Alabama's farms can produce enough foods to give every one of its citizens a well-balanced diet without hav­ing to repeat a menu for 30 days.

Roaring blast furnaces at Birmingham show that factories as well as farms are im­portant in Alabama. Birmingham is known as the Pittsburgh of the South because of its steel mills. It is the largest of Alabama's in­dustrial cities. There are many others.

The U.S. Army's Redstone Arsenal, located at Huntsville, took Alabama into the space age. Here scientists worked on the Jupiter C rocket. This rocket hurled the nation's first successful satellite into orbit. Huntsville is also known for the Redstone III rocket and the Saturn. The Redstone III boosted the nation's first astronaut into outer space. The Saturn enabled U.S. astronauts to land on the moon. Later, the space shuttle was tested at Huntsville.

The map on the state seal proudly displays Alabama's rivers. They have always

been important for transportation. Dams in some of the rivers have great power plants. These plants supply electric power to help light Alabama's farms and cities and to run its factories. The dams also create strings of sparkling lakes, where residents and visitors can enjoy fishing, boating, and other forms of recreation. Besides its rivers and lakes, Alabama has a share of the Gulf of Mexico. Mobile, on beautiful Mobile Bay, is one of the important ports of the nation.

Timber from the forest and fish from the sea add to Alabama's wealth. Many of the people still grow cotton and corn, but agriculture alone is no longer the main concern of the state.

**CAPITAL**: Montgomery***.***

**STATEHOOD**: December 14, 1819; the 22nd state. SIZE: 133.915 km2 (51,705 sq mi); rank, 29th.

**POPULATION**: 3.893,888 (1980 census); rank, 22nd.

**ORIGIN OF NAME**: From the Alibamu. or Alabamu. tribe of Indians, members of the Creek Confederacy. The name may have come from words in the Choctaw language, *alba ayamule,* meaning "I clear the thicket."

**ABBREVIATIONS: Ala.; AL.**

**NICKNAMES**: Heart of Dixie, from its location in the center of the Deep South. Yellowhammer State, from Civil Wa'r times, when troops from Alabama were called Yellowhammers.

**STATE SONG:** "Alabama," by Julia S. Tutwiler; music by Edna Goeckel Gussen.

**STATE MOTTO:** *Audemus jura nostra defendere* (We " dare defend our rights).

**STATE SEAL:** A map of Alabama showing the bordering states, the Gulf of Mexico, and the major rivers.

**STATE COAT OF ARMS**: The shield in the center contains the emblems of five governments that have ruled over Alabama—France (upper left), Spain (upper right), Great Britain (lower left), the Confederacy (lower right), and the United States (center). The eagles on each side of the shield represent courage. They stand on a banner that carries the state motto. The ship above the shield shows that Alabama borders on water.

**STATE FLAG** A crimson field. cross of St. Andrew on a white.

**THE LAND**

Alabama is one of the East South Central group of states. It could be called an Appalachian state or a Gulf state. The southern end of the Appalachian Mountain system extends into Alabama and covers the northeastern part of the state. The Gulf of Mexico forms a small but important part of Alabama's southern border.

**Landforms**

Within the state of Alabama there are three major landforms. They are the Interior Low Plateau, the Appalachian Highlands, and the Gulf Coastal Plain. The Gulf Coastal Plain is the largest of the three regions. It lies south of a line that begins in the northwestern corner of the state, runs southeastward through the city of Tuscaloosa, and continues to Phenix City, on the eastern border.

**The Interior Low Plateau** enters Alabama from the state of Tennessee and covers a small area in the extreme northwest. The average elevation of this part of Alabama is 210 meters (700 feet). It is a region of knobby hills, cut through by the broad valley of the Tennessee River.

**The Appalachian Highlands** include three areas. They arc the Appalachian Plateau, the Appalachian Ridge and Valley Region, and the Piedmont Plateau. The average elevation of the highlands varies from 150 to 200 meters (500 to 700 feet), with most of the highest points in the Ridge and Valley Region.

 The Appalachian Plateau, also known as the Cumberland Plateau, enters the northeast corner of the state and extends southwest-ward. This plateau is rather rugged. It has some good farmland, but it is mainly an area of lumbering and mining.

The Appalachian Ridge and Valley Region is made up of narrow valleys between steep mountain ridges. It is known for its mineral riches and forests of oak and pine.

The Piedmont Plateau is a wedge-shaped area southeast of the Ridge and Valley Region. It gets its name from the word *pied-mont,* which means "lying at the base, or foot, of mountains." This region is generally hilly, with some rolling land. The most rugged part is in the northwest, where Cheaha Mountain rises to 734 meters (2,407 feet).

**The Gulf Coastal Plain** is mainly a flat to rolling plain. Ages ago it was covered by oceans. The part adjoining the Appalachian

Highlands is called the Upper Coastal Plain. This is the oldest part, as well as the highest in elevation. South of it is a strip of nearly level land known as the Black Belt because of its dark-colored soils. The southeastern quar­ter of the state is known as the Wire Grass area because it was once covered with a kind of coarse grass called wire grass.

For many years the Coastal Plain was the heart of the cotton fields. It is changing gradually to an area where livestock graze and many different crops are grown.

**Rivers, Lakes, and Coastal Waters**

Alabama is drained by three major river systems. The Tennessee River dips down' into Alabama from the state of Tennessee. It flows westward through northern Alabama and then northward to join the Ohio River. The other major rivers of Alabama flow toward the Gulf of Mexico. The Mobile River system is made up of several important rivers. The Tombigbee River and its main tributary, the Black Warrior River, drain the western part of the state. The Coosa and the Talla-poosa rivers flow through east central and eastern Alabama. They join near Montgomery to form the Alabama River, which flows southwestward toward the Tombigbee. North of Mobile, the Alabama and the Tombigbee rivers join to form the Mobile River, which drains southward into Mobile Bay. The Chat-tnhoochee is the major river of southeastern Alabama. Guntcrsvillc Lake is the largest of the many lakes in the state.

The Tennessee-Tombigbee (Tenn-Tom) Waterway project was designed to provide a water route from the Tennessee Valley to the Gulf of Mexico, by way of the Tombigbee River. It includes a canal in the northeastern corner of Mississippi that links the rivers.

Alabama's general coastline on the Gulf of Mexico is 85 kilometers (53 miles) long. If the shorelines of inlets, bays, and offshore islands are added, the total shoreline is 977 kilometers (607 miles).

**Climate**

People sometimes think of Alabama as an uncomfortably hot, tropical state, but this impression is false. Actually, there is a wide variety of climate from the highlands of the north to the beaches of the Gulf of Mexico.

Winter temperatures in the southern half of the state rarely drop below freezing. Snow is so rare that many children have never seen a snowfall. In the northern part of the state, winters are not so mild. Northwest winds bring cold snaps, but they are usually short and are followed by mild weather.

Summer temperatures tend to be about the same over the state. The summer is long, but extended heat waves are almost unknown. Along the coast the hot days are relieved by frequent breezes blowing in from the Gulf of Mexico. Nights are cool and comfortable even in midsummer. In the north, summer temperatures are relieved by the higher altitudes and by cool forest shade. Spring and autumn are long and delightful. Autumn extends from early September to well after Thanksgiving.

**THE LAND**

**LOCATION: Latitude**—30° 13' N to 35" N

.**Longitude—**84" to 53' W to 88° 28' W.

Tennessee to the north, Mississippi on the west, the Florida panhandle and the Gulf of Mexico to the south, Georgia on the east.

**ELEVATION: Highest**—Cheaha Mountain, 734 m (2,407 ft). **Lowest—Sea** level, along the Gulf of Mexico.

**LANDFORMS:** Highlands (the Interior Low Plateau and the Appalachian Highlands) in the northern part of the state; lowlands (the Gulf Coastal Plain) in the south and west.

**SURFACE WATERS**: **Major rivers**—Tennessee; Tombigbee, with its main tributary, the Black Warrior; Coosa and Tallapoosa, which join to form the Alabama; Mobile, formed by the joining of the Alabama and the Tombigbee;

Chattahoochee. **Major artificial lakes**—Pickwick, Wilson, Wheeler, and Guntersville, on the Tennessee River; Lay, Mitchell, Weiss, and Jordan, on .the Coosa; Martin and Thurlow, on the Tallapoosa; Holt Reservoir on the Black Warrior.

**CLIMATE**: **Temperature**—July average, about 27°C (80°F) statewide. January average, about 7°C (44°F) in north, 12°C (53°F) in south. **Precipitation**—Rainfall average, 1,350 mm (53 in); varies from 1,320 mm (52 in) in north to 1,730 mm (68 in) along the coast. **Growing season**—Varies from about 200 days in north to 300 days in south.

Natural Resources

Leaders of the state like to say that Alabama has more natural resources than any other area of its size in the world. These resources include soils, minerals, forests, and water.

Soils. Alabama may be divided into several major soil areas. Along the Coosa and the Tennessee rivers, there are valleys called limestone valleys. The soils in these valleys are mainly red clay loams. They were formed by the weathering of limestone rock. The soils of the Appalachian Plateau are mainly sandy loams. Red sandy loams and clay loams cover much pf the Piedmont Plateau. The soils of the Gulf Coastal Plain were formed from sediment laid down in the oceans that once covered the plain. Most of these soils are sandy loams or clay soils.

Long years of growing cotton and corn lowered the fertility of Alabama's soils. The abundant rainfall also caused the topsoil to be washed away. In many places, especially in the Piedmont Plateau and the Black Belt, farms are now planted in grasses to improve the soil and provide pasture for cattle.

Forests. About 60 per cent of all the land of Alabama is forested. Many kinds of trees are found, but the soft pine is the most common. It is also the most valuable for wood pulp, which is used for making paper. The pine forests grow mainly in the central and southern parts of the state.

To improve worn-out soils, farmers have developed many tree farms for future harvest. Paper companies, farmers, and the government all help in a continuing program of reforestation.

Minerals. Most of Alabama's minerals are in the northern half of the state. Coal and iron ore are found in the Appalachian Plateau and in the Ridge and Valley Region. One of the largest deposits, or fields, of coal is the Warrior field. It extends through all of Walker County and parts of Fayette, Tuscaloosa, and Jefferson counties. Some of the best beds of iron ore are in the Birmingham area.

Limestone occurs in the Tennessee Valley and in the Ridge and Valley Region, as well as in areas of the Gulf Coastal Plain. Marble is found in Coosa and Talladega counties.

Petroleum is the most important mineral of the Gulf Coastal Plain. It has been found in the extreme southwestern counties. There are important salt deposits north of Mobile. Henry and Barbour counties, as well as other parts of the state, have deposits of bauxite, a claylike mineral from which aluminum is obtained.

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|  POPULATION**TOTAL**: 3,893,888 (1980 census). **Density**—29.6 persons to each square kilometer (76.7 persons to each square mile).GROWTH SINCE 1820**Year** **Population** **Year** **Population**1820 127,901 1920 2,348,1741860 964,201 1960 3,266,7401880 1,262,505 1970 3,444,3541900 1,828,697 1980 3,893,888**Gain Between 1970 and 1980**—13.1 percent**CITIES**: Fifteen of Alabama's cities have a population of more than 25,000 (1980 census).Birmingham 284,413 Prichard 39,541Mobile 200,452 Florence 37,029Montgomery 177,857 Bessemer 31,729Huntsville 142,513 Anniston 29,523Tuscaloosa 75,211 Auburn 28,471Dothan 48,750 Phenix City 26,928Gadsden 47,565 Selma 26,684 Decatur 42,002 |

**Waters.** Alabama's water is one of its most valuable resources. The supply is abundant. Mainly it is soft, pure water that does not require treatment before being used in homes and industries.

Hydroelectric plants line the Coosa, Talla-poosa, Tennessee, Chattahoochee, and Black Warrior rivers. Along the rivers there arc also steam power plants, fed by Alabama's coal. Additional plants are now being built or planned. They will provide ample power for years to come.

**Wildlife.** Alabama has more than 300 species of birds. Among the largest are bald eagles, hawks, ospreys, and wild turkeys, ducks, and geese. Rabbits, squirrels, raccoons, foxes, and white-tailed deer are found in most of the state, and black bears in some areas. Fresh-water fish include bass, perch, bluegill, and trout. Some fisheries have been closed by mercury pollution.

In 1955 the tarpon was named the state salt-water fish. It is a big fighting fish found in the warm, blue waters of the Gulf of Mexico. It has no commercial value. The main products of the sea fisheries are shrimp, oysters, and crabs.

##### THE PEOPLE AND THEIR WORK

 There are very few foreign-born people living in Alabama. The majority are descend­

ants of European settlers who came to the area in colonial times. About one third of the people are blacks whose ancestors were brought to the South as slaves. Among the people of Indian heritage, the most active organized group is the Creek Nation East of the Mississippi, at Atmore.

In 1960, for the first time, more Alabam-ians lived in cities than in rural areas. The number of persons who work on farms has dropped steadily since the 1940's. And the number who work in manufacturing and other kinds of jobs has continued to grow.

# Industries and Products

For some time the value of products manu­factured in Alabama has been far greater than the value of livestock and crops and of the different kinds of minerals that are pro­duced in the state.

**Manufacturing**. The mast important indus­tries are the ones that manufacture metals, textiles, chemicals, and forest products. Many of the industries make use of Alabama's own raw materials.

The areas around Birmingham and Gads­den are the only places in the nation where iron ore, coal, and limestone are found close together. These are basic raw materials needed in the making of steel. About 90 per­cent of all the steel making in the South is carried on in Alabama, mostly in and around Birmingham, Anniston, and Gadsden. New factories that make products from iron and steel continue to spring up throughout the state, mainly along the water routes.

Around Mobile, as well as in other areas, there are plants that extract aluminum from bauxite. These plants provide metal for factories in the Tennessee Valley that make aluminum products. A large copper-tubing plant at Decatur, on the Tennessee River, is a new development for Alabama.

The textile industry produces yarn and thread, woven fabrics, clothing, and other goods. Textile mills are spread throughout the state.

###### WHAT ALABAMA PRODUCES

**MANUFACTURED GOODS:** Primary metals, paper and related products, chemicals and related products, fabricated metal products, textiles, rubber and plastic products, clothing, processed foods.

**AGRICULTURAL PRODUCTS:** Broilers, cattle and calves, soybeans, eggs, peanuts, cotton, milk.

**MINERALS:** Coal, petroleum, natural gas. Iron ore, cement, stone, sand and gravel, lime.

Many of the chemical industries make use of coal tar, a tar that is left from the process of making coke. Some of the by-products of coal tar are medicines, explosives, dyes, and plastics. The salt deposits near Mobile pro­vide raw material for the making of chlorine products, such as bleaches, disinfectants, and water purifiers. At Muscle Shoals in north­western Alabama there is a federal plant where fertilizers and munitions are developed for the benefit of agriculture and industry.

Alabama ranks among the first five timber producers in the nation. The forests supply lumber for furniture and other wood products as well as wood pulp for the paper industries. The first pulp and paper plant in the state was built at Tuscaloosa in 1929. Other cities that now have large pulp mills are Mobile and Brewton, in southern Alabama, and De-mopolis, in the western part of the state. Most of the pulp is made into finished products such as newsprint, stationery, corrugated boxes, and kraft paper. Kraft paper is the strong brown paper used in grocery bags.

Agriculture. In Enterprise, Alabama, there is a monument to the boll weevil. It is perhaps the only monument in the world to an insect pest. The monument was erected in 1919 after the boll weevil destroyed the cotton crops. It reminds Alabama's farmers of the part that the boll weevil played in teaching them not to depend on cotton alone for their living.

For a long time cotton ranked first among Alabama's crops, but today cotton brings only a fraction of the total income from crops. Alabama also produces substantial amounts of soybeans, peanuts, corn, hay, sweet potatoes and other garden vegetables, and fruits and pecans. Some crops are identified with particular areas. Soybeans are grown extensively in the Black Belt and around Mobile Bay. Peanuts are a main crop in the Wire Grass area. Strawberries are grown commercially around Cullman in Cullman County, Clanton in Chilton County, and Georgiana in Butler County. Clanton is also known for peaches. Truck farming is carried on in many areas.

An interesting fact about Alabama's agriculture is that since 1958 livestock sales have brought more income than crops. Cattle are raised chiefly in the Black Belt and hogs in the Wire Grass area. Poultry raising is concen­trated north of Birmingham. Dairying is carried on throughout the state.

**Mining.** Alabama is well-known for its production of coal, cement, and limestone. A number of other' minerals are produced in varying quantities including petroleum, iron ore, clays and shale, mica, sand and gravel, bauxite, gold, silver, and manganese. Marble from Alabama's quarries is sold throughout the United States.

The first producing oil well began operating near Gilbertown, in Choctaw County, in 1944. Later, oil was found in Escambia County and near Citronelle, in Mobile County. There arc more than 200 producing wells in southwestern Alabama. In the northwest a large natural gas field is being developed.

**Transportation and Communication**

Waterways, railroads, highways, and airways connect Alabama to other parts of tlic nation. The port of Mobile connects the state to the seaports of the world.

**Waterways**. Alabama has the finest river system in the nation. The U.S. Corps of Engineers classifies large portions of its rivers as suitable for navigation. Millions of dollars have been spent to develop the harbor and build docks at Mobile, to widen and deepen the channels of the rivers, and to build public docks along the waterways.

The Black Warrior and Tombigbee waterway extends all the way from the port of Mobile to Jefferson and Walker counties. This waterway carries great quantities of limestone as well as millions of tons of cargo for the industries of Birmingham and other cities along the rivers. The Alabama River provides water transportation between Mobile and the capital city, Montgomery. The Tennessee River is the main water route of northern Alabama. The Chattahoochee waterway, on the east border of the state, serves the cities of Columbia, Eufaula, and Phenix City.

**Railroads and Highways**. Alabama was among the pioneers in railroad building. Its first railway, between Decatur and Muscle Shoals, was completed in 1832. Today Ala­bama's railroads are used largely for freight. Hubs of state, federal, and interstate highway systems are Birmingham and Montgomery.

**Airlines**. Several airlines provide com­mercial flights to cities in different parts of the state. Frequent daily schedules are avail­able from major centers. Most of the inter­state traffic uses the airports at Birmingham, Huntsville, and Mobile. Alabama's system of local airfields, with paved and lighted run­ways for smaller planes, is considered to be among the best in the nation.

**Newspapers, Radio, and Television.** Almost every city has its own local newspaper. More than 100 newspapers are published in the state, but only about 20 are dailies. Among the more influential daily newspapers are the *Alabama Journal* and the *Montgomery Advertiser,* both published at Montgomery, and the *Birmingham News.* The *Mobile Press-Register,* originally the *Gazette,* is one of the oldest newspapers in the state. It was founded in 1815.

Birmingham had the state's first licensed radio station, WBRC, in 1925, and the first television stations, WABT and WBRC-TV, both in 1949. In 1955 Alabama began operating one of the first state-owned educational television networks (ETV) in the nation. Stations of this network are capable of reaching almost all the people in the state.

##### EDUCATION

Alabama is proud of its natural resources and its industrial development in recent years. State and community leaders also recognize the importance of developing its educational and cultural institutions.

**Schools and Colleges**

The first teachers in Alabama were probably French and Spanish priests who gave instruction to the Indians. In 1799 a New England cotton merchant, John Pierce, opened a school for the children of wealthy settlers in the Mobile Bay area. It was the kind of pioneer school known as a blab .school because the pupils studied by repeating their lessons aloud.

When Alabama became a state in 1819, an attempt was made to establish a system of public schools. The attempt failed, as did others in later years, largely because of a lack of money. Private schools sprang up to edu­cate the children of parents who could afford to pay. It was not until after the Civil War that the state was able to make progress toward establishing its present system of public elementary schools, high schools, and colleges.

Alabama has more than 50 institutions of higher education. About half of these are 2-year institutions, mainly state-supported junior or community colleges. The others are universities and senior colleges.

The University of Alabama at Tuscaloosa (post office address, University) is Alabama's oldest college. It was established by the legislature in 1820. Other state-supported universities are located at Auburn, Birmingham, Florence, Huntsville, Jacksonville, Livingston, Mobile, Montcvallo, Montgomery, Normal, and Troy. Tuskegcc Institute, the famous school established by Booker T. Washington in 1881, is partly supported by the state.

**Libraries**

Throughout the state there are many pub lic and private libraries. The largest public libraries are in Birmingham, Montgomery, and Mobile. The Amelia Gayle Gorgas Library, on the campus of the University of Alabama, is one of the largest libraries in the entire South.

**Fine Arts and Museums**

Most high schools and junior high schools in the state have bands or orchestras. The Birmingham Civic Symphony gives annual concerts in the city. It also tours the state.

Before the Civil War, architecture was one of the most important fine arts. Some of the beautiful homes that were built before the war may be seen in the older cities, such as Selma, Huntsville, Eufaula, Greensboro, Mobile, Tuscaloosa, and Montgomery.

The Art Museum at Birmingham and the Museum of Fine Arts at Montgomery have large collections of paintings. The following arc among the other noted museums:

**The Alabama Museum of Natural History, at**

the University of Alabama, has an excellent display of rocks and minerals.

**Mound State Monument,** a state park and museum at Moundville, near Tuscaloosa, preserves ancient mounds that Indians built for their temples, council" houses, and burial places. Relics from the grounds in the park, such as skeletons, tools, ornaments, and pottery, are displayed in the museum.

The **Regar Museum of Natural History,** at Anniston, contains an unusual display of 900 specimens of birds, with nests and eggs.

**PLACES OF INTEREST**

Some of the many other interesting places have been made by people. Some, such as mountains, forests, and white sand beaches, arc nature's own work.

**Historic Places**

Many historic treasures are preserved in Alabama's museums. The following are a few of the historic places in various parts of the state:

**Horseshoe Bend National Military Park, on**

the Tallapoosa River, marks the site of General Andrew Jackson's victory over the Creek Indians.

The **Natchez Trace Parkway** crosses the northwestern corner of Alabama. It extends from Natchez, Mississippi, to Nashville, Tennessee. The parkway commemorates a famous Indian trail and pioneer highway.

**Russell Cave National Monument,** at Bridgeport in northeast Alabama, was established in 1961. In the cave, scientists have found records of almost continuous human habitation from at least 6000 b.c. to about a.d. 1650.

**Tuskegee Institute National Historic Site** includes Tuskegee Institute, the George Washington Carver Museum, and Booker T. Washington's home. The museum includes displays of African art and George Washington Carver's agricultural experiments.

**The Cathedral of the Immaculate Conception,**

at Mobile, stands on land that the first settlers used as a burying ground.

The **State Capitol,** Montgomery, is a stately building, similar in appearance to the National Capitol. For the first few months of the Civil War, it served as the capitol of the Confederacy.

**Jefferson Davis' Home,** in Montgomery, is known as the first White House of the Confederacy because it was here that President Davis lived when Montgomery was the Confederate capital.

# Parks and Forests

Alabama has four national forests. The Talladega National Forest has two sections, one in the central part of the state and the other in the east. The William B. Bankhead National Forest, formerly the Black Warrior National Forest, is in the northwest. The Tuskegee, smallest of the national forests, is in the east, and the Conecuh is in the south.

State parks and forests total about 30. They are planned to conserve the natural beauty of the state and to provide places where people may go for outdoor recreation—picnicking, camping, hiking and nature study, fishing and other water sports.

**Other Attractions**

The following are among other places that attract visitors from all over the nation and the world:

**Ave Maria Grotto,** at St. Bernard, near Cull-man, displays more than 100 small reproductions of famous religious buildings of the world.

The **Azalea Trail,** in Mobile, is a 55-kilometer (35-mile) trail of flowers that leads through residential parts of the city, past historic homes and buildings.

**Bellingrath Gardens and Home,** south of Mobile, is a beautifully "landscaped estate. Here the finest flowers, shrubs, and trees have been brought together in a setting of great natural beauty. The home is noted for its rich furnishings and priceless art objects.

**Cathedral Caverns,** north ofGuntersville, contains a large forest of stalagmites and one cavern 27 meters (90 feet) deep.

**Ivy Green,** in Tuscumbia, is Helen Keller's birthplace and childhood home.

**Vulcan Statue,** at the summit of Red Mountain, Birmingham, is a statue of the god of fire. It was made of iron from the local area and is said to be one of the largest statues in the world.

**Annual Events**

Many of Alabama's annual events center upon sports, the products of the state, and the interests and traditions of the people. From the early French settlers. Mobile inherited the celebration of Mardi Gras. Mobile's Mardi Gras festival is the oldest such celebration in the United States. It begins on the Friday before the first day of Lent and reaches its high point on the night of Shrove Tuesday, or Mardi Gras.

Mobile celebrates the azalea season from late February to early April, when thousands of visitors tour the Azalea Trail. The Deep-Sea Fishing Rodeo, at Mobile and Dauphin Island, climaxes the fishing season, usually late in July or early in August.

Other events include the state fair at Birmingham, in September, and the River Boat Regatta at Guntersville, in August.

**CITIES**

No one region claims all or most of the cities. Large cities are found in each part of the state—central, north and south.

**Montgomery**

Besides being the capital, Montgomery is a center of agricultural trade and the leading cattle market of southeastern United States. The large ranches and herds of cattle in the area remind one of Texas. Industries of the city include textile mills, meat-packing plants, and furniture factories.

Montgomery has several institutions of higher education, including Alabama State University, campuses of Troy State and Auburn universities, and Huntingdon College, a private senior college. The Air University at Maxwell Air Force Base is a national center for research and for education and training of U.S. Air Force personnel.

**Birmingham**

Alabama's largest city is located at the southern end of the Ridge and Valley Region. It is sometimes called the Magic City because of its rapid growth. Since it was founded in 1871 as the town of Ely ton, it has grown into a metropolitan area of about 850,000 people. It is the South's only major producer of iron and steel. The hundreds of other industries in the area manufacture such items as cast-iron pipe, heavy machinery, chemicals, textiles, and wood and paper products.

Birmingham is a leading educational and cultural center. It is also noted for mountain scenery and places of outdoor recreation.

**Mobile**

The second-largest city and only seaport is known as Alabama's Gateway to the World. It was founded by the French and was named for the Mobile Indians, who lived in the area. Today it is a busy industrial center with chemical plants, shipyards, and seafood industries. It is also a gracious and beautiful resort city, known for its flowers and ancient oak trees draped with Spanish moss.

**Other Cities**

The following are some of the other important cities:

**Huntsville,** now the Rocket City, was one of Alabama's first settlements. It remained a small farming community for more than 125 years. Its population was only 16,000 in 1950. About that time the Army began to develop a rocket and guided-missile center at the Redstone Arsenal at Huntsville. Thousands of scientists and other workers came to the area. So did dozens of new industries. Within 20 years Huntsville's population increased to more than 135,000. In 1960 a part of the arsenal was transferred to the National Aeronautics and Space Administration. This part was named the George C. Marshall Space Flight Center.

**Tuscaloosa,** the home of the University of Alabama, is located on the Black Warrior River at the edge of the Appalachian Plateau. Its name comes from the Indian words *tuska,* meaning "black," and *lusa,* meaning "warrior." The city's many industries include a large paper mill, a rubber-tire plant, textile mills, oil refineries, and plants that make metal products.

**Gailstleii,** northeast of Birmingham, is an important iron and steel center, as well as a distribution point for livestock and grain produced in the surrounding area.

**Duthan,** leading city of southeastern Alabama, is located in a rich farming area. The main crop is peanuts. Industries in the city manufacture such products as peanut oil, hosiery, and cigars.

**GOVERNMENT**

The legislative department of the state government is made up of the Senate and the House of Representatives. The members of both bodies serve 4-year terms. An amendment to the state constitution, adopted in 1975, provided for annual legislative sessions, beginning in 1976. Before that, regular sessions had been held every other year.

The chief executive is the governor, who is elected by the people. The people also elect a lieutenant governor, secretary of state, attorney general, treasurer, auditor, and commissioner of agriculture and industry, as well as the members of the state board of education.

The highest state court is the supreme court. It consists of a chief justice and eight associate justices elected statewide for 6-year terms. The court of appeals is divided into two courts, one to hear civil appeals and one to hear criminal appeals. The major trial courts in Alabama are its numerous circuit courts.

**GOVERNMENT**

**Capital**—Montgomery. **Number of counties—67. Representation in Congress—**U.S. senators, 2; U.S. representatives, 7. **State Legislature**—Senate, 35 members; House of Representatives, 105 members;

all 4-year terms. **Governor**—4-year term. **Elections**— Primary elections to select candidates, first Tuesday in May; general and state elections, Tuesday after first Monday in November

The state is divided into 67 counties. Each county is governed by a board of commissioners, known as the county commission.

 **FAMOUS PEOPLE**

Alabama claims many persons who did important work in government, education, the law, military affairs, business, and the arts. The following are some of the honored names:

**William Wyatt Bibb** (1781-1820) was Alabama's only territorial governor and the first governor of the state. He was born in Georgia.

**Josiah Gorgas** (1818-83), born in Pennsylvania, was a teacher and an army officer. He became an Alabamian after his marriage to Amelia Gayle, daughter of John Gayle, governor of Alabama from 1831 to 1835. During the Civil War, Josiah Gorgas was chief of military supplies, and eventually a brigadier general, in the Confederate Army. Later he served for a year as president of the University of Alabama. His son, William C. Gorgas (1854-1920), who was born near Mobile, is world famous as the U.S. Army surgeon and sanitation expert who stamped out yellow fever in the Canal Zone and made possible the building of the Panama Canal.

**Julia Strudwick Tufwiler** (1841-1916) was born in Greene County. She established several girls' vocational schools and secured admission of women to the University of Alabama. She was also active in prison reform. She wrote the words of "Alabama," the state song.

**Booker T. Washington** (1856-1915) is known throughout the world as the founder of Tuskegec Institute and as an educator, author, and lecturer. He was born in Virginia and was educated at Hampton Institute. His biography is included in Volume W.

**George Washington Carver** (1864-1943), botanist and agricultural scientist, gained international fame for his work in agricultural research at Tuskegee Institute. He taught improvement of the soil and developed hundreds of products from the peanut, sweet potato, and soybean. A biography of George Washington Carver, who was born in Missouri and educated in Iowa, is included in Volume C.

**William Brockman Bankhead** (1874-1940) was born in Moscow (now Sulligent), Alabama. He served in the U.S. House of Representatives from 1917 to 1940. He was speaker of the House from 1936 to 1940. His daughter, Tallulah Brockman Bankhead, became one of America's best-known actresses. His father, John H. Bank-head, and his brother, John H. Bankhead, Jr., were both U.S. senators.

**Helen Adams Keller,** who was born in Tus-cumbia in 1880, lost both sight and hearing before she was 2 years old. Because she could not hear, she also lost the ability to speak. In spite of her disabilities, she gained an education, learned to speak, and then spent her life lecturing and writing to raise money for the training of other disabled persons. Her biography is included in Volume K.

**George Corley Wallace** (1919- ) was born in Clio, Alabama. He was a judge and state legislator before his election in 1962 as governor of Alabama. He was re-elected to that office in 1970, 1974, and 1982. He was also a presidential candidate in 1964, 1968, 1972, and 1976. A bullet from an assassination attempt during the 1972 campaign left him disabled.

Three Alabamians have become justices of the U.S. Supreme Court. Justices John McKinley and John A. Campbell, who served during the I 800's, were born in other states. Hugo L. Black, who became a justice in 1937, was born in Clay County, Alabama.

Writers, musicians, and entertainers who were born in Alabama include novelists Nelle Harper Lee (Monroeville) and Bordcn Deal(Tuscaloosa), composer William C. Handy (Florence), and singer Nat "King" Cole (Montgomery).

Famous names in sports include heavyweight champion Joe Louis (born Joe Louis Barrow, Lafayette); baseball players Henry "Hank" Aaron (Mobile), Frank Lary (North-port), and Willie Mays (Fairfield); and sports announcer Mel Alien (born Melvin Alien Israel, Birmingham).

##### HISTORY

At the time of Columbus, Alabama was inhabited by four main groups of Indians. They were the Cherokees, Creeks, Choctaws, and Chickasaws. Sometimes there were skirmishes resulting from border disputes. But usually the Indians lived in peace, hunting, fishing, and raising corn and vegetables on small plots of land.

**Exploration and Settlement**

During the early 1500's Spanish explorers sailed along the coast of the Gulf of Mexico. But Europeans were not seen in the interior of Alabama until 1540, when Hernando de Soto passed through with a band of well-armed soldiers. De Soto forced the peaceful Indians to provide him with food and servants, and his harsh methods stirred up resentment. When he reached the land governed by the gigantic Choctaw chieftain, Tuskaloosa, he ran into trouble. De Soto captured the chief and took him to the tribe's strongly fortified village. Here the Indians rose up to free their chief. For many hours the bloody battle raged. The Spanish soldiers slaughtered Indian men, women, and children alike. When the battle was over, the village was in ruins and its population was destroyed. De Soto's troops also suffered heavy losses. Later, in 1559, Spanish colonists started a settlement on Mobile Bay, but storms and other troubles caused the settlers to leave.

English traders from the Carolinas and Georgia traded with the Indians during the late 1600's, but the English made no permanent settlements in Alabama at that time. In 1702 the French established Fort Louis on Mobile Bay. This settlement was moved, in 1711, to the present site of Mobile. It became the first permanent white settlement in what is now Alabama.

During the 1700's the French and the British fought over the territory of which Alabama was a part. After the French and Indian War, the Treaty of Paris, in 1763, gave the territory to England. Spain, Georgia, and the Carolinas still argued over who owned the land. It was not until 1813 that all of what is now Alabama passed into undisputed possession of the United States and became part of the Mississippi Territory.

After 1800 more and more settlers came into Alabama from the states on the Atlantic Coast. The invention of the cotton gin and the growth of the cotton textile industry in Eng­land made cotton a valuable crop. The settlers grew cotton on most of the land that they cleared. But settling the territory was not without its perils. Much of the good farm­land was already being used by the Indians, whose ways of living easily adapted to the settlers' ways. The Indians resisted the theft of their lands. The Creeks, who held more than half the land in the

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| IMPORTANT DATES1540 Hernando de Soto marched across Alabama, exploring and searching for gold.1559 Tristan de Luna, Spanish colonizer, started a temporary settlement on Mobile Bay.1699 An expedition under the. French explorer Pierre Lemoyne, Sieur d'lberville, explored the coast and claimed the area for France. 1702 Pierre Lemoyne's brother, Jean Baptiste Le­moyne, Sieur de Bienville, founded Fort Louis de la Mobile. 1711 The French moved Fort Louis to the present site of Mobile. 1763 At the end of the French and Indian War, France gave the area east of the Mississippi River, including Alabama, to Great Britain.1783 After the Revolutionary War, Great Britain gave the Mobile area to Spain and the rest of Alabama to the United States. 1813 United States captured Mobile and added it to the Mississippi Territory. 1814 General Andrew Jackson defeated the Creek Indians. 1817 Congress created the Alabama Territory. 1819 Alabama admitted to Union December 14, as 22nd state.1847 Montgomery became state capital.1861 Alabama seceded from the Union January 11 and formed the Republic of Alabama, which lasted until February 8, when Alabama joined the Confederacy. 1868 Alabama re-admitted to the Union. 1875 A new constitution adopted, ending the period of Reconstruction. 1888 First steel produced in Birmingham. 1901 Present state constitution adopted.1944 First petroleum produced near Gilbertown.1949 Redstone Arsenal, at Huntsville, became a center for rocket and missile research. 1970 Black Alabamians won seats (two) In the state legislature for the first time since Reconstruction.1981 Tuskegee Institute celebrated its 100th anniversary. |

territory,were

especially bitter. They sided with the British in the War of 1812. The Indians raided Fort Mims and killed several hundred settlers. In a final battle at Horseshoe Bend, the Creeks were defeated, and before long they were moved out of the territory. The Cherokees, who had remained neutral in the war, were later moved from their lands. They were the most progressive of the Indian tribes. They lived in brick houses, grew cotton, raised rattle, and even had a written language.

**Alabama Becomes a State**

When Mississippi became a state in 1817, the eastern half of the Mississippi Territory was removed and made the Alabama Territory. Its capital was St. Stephens, a small town lo the north of Mobile. At that time settlers were found mainly in three regions—in the Tennessee Valley, around Huntsville; along Ihc Tombigbee and Black Warrior rivers, with centers at St. Stephens and Tusca-loosa; and along the Alabama and Coosa rivers, near such towns as Wetumpka and Montgomery.

Alabama was not a territory very long. With the approval of Congress, leading citi-/cns met at Huntsville on July 5, 1819, and drafted Alabama's first constitution. Soon after, on December 14, 1819, Alabama became a state. The capital was situated at Ca-haba, a town built for just this purpose at the junction of the Cahaba and the Alabama rivers. The choice of this town was bad. It lay in low, swampy land that flooded regularly. In 1825 the session of the legislature could be held only on the second floor of the capital, and the legislators had to get there by row-boat. Because of this situation the state capital was moved in 1827 to Tuscaloosa, where it stayed for 20 years. In 1847 the increase in wealth and political strength of the cotton planters of the Black Belt caused another move of the state capital—this time to Montgomery, where it is today.

**King Cotton, Slavery, and the Civil War**

Between 1820 and 1860 Alabama's economy was closely tied to slavery. The large cotton plantations could not be worked profitably without slaves. In the 1840's Alabama was one of the wealthiest states in the Union. In 1860 forces in the North moved toward

the abolition of slavery. The leaders of Alabama opposed federal interference in the affairs of their state. They proposed secession. After a special election among the people, a convention was held in Montgomery on January 7, 1861. On January 11 a resolution of secession was adopted, and Alabama invited all the other southern states to meet in Montgomery to form a new union.

On February 4, 1861, the convention met and drew up the constitution for the Confederate States of America. Jefferson Davis was sworn in as the president on February 18, 1861.

During the Civil War there were many minor battles in the state. No major battles took place within its borders, but the state was badly hurt by the fighting. When the war was over, Alabama's economy was destroyed.

Between 1865 and 1875 Alabama lived under a partly military government called the Reconstruction. These were harsh times— times of agricultural failures, general poverty, and great political confusion. In 1875 a new constitution was adopted and approved by Congress. Between 1875 and 1900 Alabama went through a period of economic recovery. Cotton was still king, but industry grew.

**Modern Times and the Future**

After the Reconstruction era, blacks in Alabama were stripped of their newly won civil rights, including the right to vote. They had to attend different schools from whites. Racial segregation of many kinds was the law in Alabama for a long time.

In the 1960's, however, federal legislation enabled blacks in Alabama to vote in large numbers. Progress has also been made against many forms of racial segregation. Much of this progress in Alabama resulted from peaceful protest conducted under the leadership of Martin Luther King.

Alabama has undergone many other. changes recently. Industry has grown rapidly. The state's waterways are being enlarged and improved. With its abundance of raw mate-trials, and its vital people, Alabama should continue to be the industrial heart of the New South.