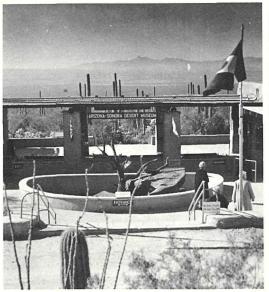
COURTESY ARIZONA'SONORA DESERT MUSEUM

Tucson Mountain section





The Tucson Mountain Section

The dense forest of vigorous young saguaros growing in the Tucson Mountain Section presents a striking contrast to the dwindling population of old giants in the original section of the monument. In addition to the impressive saguaro forest, several plants and animals common only to the western parts of the Sonoran Desert can be seen here. These include the tesota (desert ironwood), desert horned lizard, and small sidewinder rattlesnake.

You may easily reach the Tucson Mountain Section westward from Tucson via Speedway Boulevard and Gates Pass Road. And on the way you may wish to visit the Arizona-Sonora Desert Museum, a fascinating presentation of living plants and animals of the Sonoran Desert.

Within the 15,500-acre Tucson Mountain Section, well-maintained dirt roads lead to hiking trails, scenic overlooks, and other points of interest. There are four picnic areas, with tables, shelters, and restrooms, but water and firewood are not available.

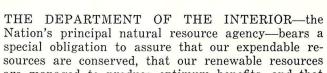
Administration

Saguaro National Monument, established on March 1, 1933, and containing 78,644 acres in two sections, is administered by the National Park Service, U.S. Department of the Interior.

The National Park System, of which this area is a unit, is dedicated to conserving the scenic, scientific, and historic heritage of the United States for the benefit and enjoyment of the people.

A superintendent, whose address is Box 17210, Tucson, Ariz. 85710, is in immediate charge of the monument.

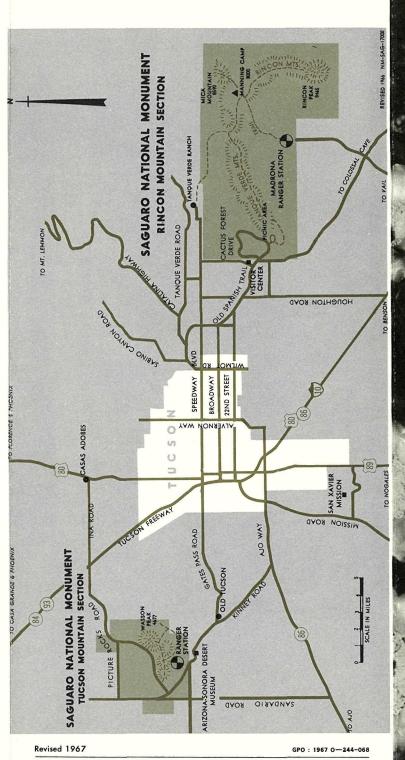
Nation's principal natural resource agency—bears a special obligation to assure that our expendable resources are conserved, that our renewable resources are managed to produce optimum benefits, and that all resources contribute to the progress and prosperity of the United States now and in the future.





U.S. DEPARTMENT of the INTERIOR

National Park Service



SAGUARO NATIONAL MONUMENT . ARIZONA

For sale by the Superintendent of Documents, U.S. Government Printing Office

Washington, D.C. 20402 - Price 10 cents



What to Do and See at the Monument

First, stop at the visitor center, where you will see exhibits explaining how the land acquired its profile and how the rocks and soil that make up the face of the land were formed. Other exhibits relate the story of man in the region, describe the desert's plants and animals, and tell the story of the saguaros.

Next, step outside the visitor center and look around you. In the foreground, you will see the spread of the desert, sweeping away toward the mountains. Studding the desert are thousands of stately saguaros, with lesser desert plants growing at their feet.

Beyond the desert flatlands rise the mountains: first the Tanque Verdes, with a fringe of scattered saguaros on their lower slopes. Beyond these the Rincons lift their forested ridges high above the desert.

Immediately before you is a 9-mile loop road through the saguaros of the flatlands, the Cactus Forest. Along this road are pullouts, where you can leave your car while you follow the short trails. The trails are labeled so that you may come to know the desert plants by name and sight and smell.

For the more hardy visitor, trails lead to the tops of the mountains, to an altogether different world from the desert. The 10-mile trail from Madrona Ranger Station to Manning Camp is one of the outstanding hiking and horseback trails in the Southwest.

Before setting out on one of these trails, check with a park ranger.

Here are a few reminders about regulations:

Leave plants, animals, rocks, and other features as you find them: undisturbed.

Observe posted speed limits.

Keep pets on leash, and cut of buildings.

If you have a firearm, leave it in its case.

Deposit litter in containers provided.

Drive only on established roadways.

There are no facilities for camping, lodging, food, or gasoline in either of the two sections of the monument.

Plant and Animal Communities

The plants and plant communities of Saguaro Na tional Monument are adapted to various degrees of temperature and rainfall—factors strongly influenced in turn by elevation.

At the Cactus Forest, the altitude is about 3,100 feet, the average July temperature is 94°F., and the annual rainfall is 3 to 11 inches. The plantlife represents that of the Sonoran Desert, which lies in northwestern Mexico (the state of Sonora) and extends into a small part of the southwestern United States.

In contrast, at the top of Mica Mountain the altitude is nearly 8,600 feet, the average July temperature 68°F., and the annual rainfall from 21 to 35 inches. The plants are the type you would see in parts of southern Canada, at much lower elevations where the temperature and rainfall are similar to that of Mica Mountain. Thus, the effect of elevation here roughly corresponds to the influence of latitude on a continental scale.

During your visit, learn to recognize the major communities by their typical plant members:

Lower desert (below 3,000 feet): creosotebush, saltbush, and needle gramagrass.

Higher desert (3,000 to 3,500 feet): saguaro cactus, pricklypear, cholla, ocotillo, paloverde, and mesquite.

Grassland (3,500 to 5,000 feet): curly mesquitegrass, Emory oak, gramagrass, and centuryplant agave.

Woodland belt (5,000 to 7,000 feet): juniper, pinyon, scrub oak, mountain-mahogany, sumac, and manzanita.

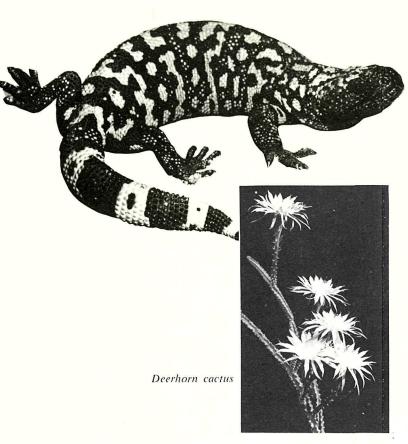
Forest belt (above 7,000 feet): gambel oak and ponderosa pine, with Douglas-fir, white fir, and aspen at the highest elevations within the monument.



Although some animals move from one plant community to another, many are adapted to life among the plants of certain environments.

The desert mule deer, for example, subsist on annual herbs, shrubby vegetation, and, occasionally, cactus fruits of the Cactus Forest. In summer, they climb the mountains and browse on shrubs among the pinyons, junipers, and oaks. On the other hand, the smaller Arizona white-tailed deer generally stay in the pinyon-juniper woodland in winter. In summer, they browse on aspen, buckbrush, and other shrubs and small trees along the crest of the Rincons.

Collared peccaries, or javelinas, are usually found in the Cactus Forest. They are fond of each other's company and travel in bands of 3 to 50, wandering through groves of mesquite along desert washes as



The Gila monster is a famous reptile of the Southwest, the largest (up to 22 inches) and only poisonous lizard in the United States. Gila monsters have acquired a reputation that extends far beyond the narrow boundaries of their range—southern Arizona and extreme southwestern New Mexico. They eat birds' eggs, nestlings, and small rodents. Their thick, heavy bodies suggest sluggishness, but they can twist their heads and bite quickly. You are not likely to see any, for they are uncommon in the monument.

One of the most charming times in the monument is

One of the most charming times in the monument is early morning, when the many kinds of birds are active. (A bird guide, obtainable at the visitor center, will be useful in identifying the species that you may see.)

Year-round residents of the Cactus Forest are the curve-billed thrasher, cactus wren, Gambel's quail, roadrunner, Gila woodpecker, gilded flicker, pyrrhuloxia, house finch, and loggerhead shrike. The white-winged dove is here principally in summer.

In the foothills and mountains live the rare harlequin quail, Mexican jay, Bewick's wren, black-tailed gnatcatcher, red-shafted flicker, hairy woodpecker, and Steller's jay. Numerous others—such as the bandtailed pigeon and broadtailed hummingbird—are summer residents.

they search for beans and pods of mesquite and the fruits and pads of pricklypear. In summer they, too, will sometimes move up into the woodland belt, where they may remain to harvest acorns fallen from the scrub oaks before returning to the desert for the winter.

Jackrabbits and hog-nosed skunks, the later distinguished by their solid-white backs, are desert dwellers; but spotted skunks, striped skunks, and cottontails (two species) live throughout the monument.

Insects and other invertebrates play an important part in the desert ecology, aiding in plant pollination and providing food for birds and other animals. You may notice the tarantula hawks—large blue-black, red-winged wasps that prey on spiders. Several species of scorpions live in the desert and up the slopes. Be wary of them, for the stings of some species can be serious.

Badgers and coyotes range throughout the monument, feeding on rodents. In winter, the coyotes generally stay below 6,000 feet, where the rodents remain longer out of hibernation and the hunting is easier.

Among the reptiles, the desert tortoises thrive in the low desert area. There are gopher snakes, red racers, and rattlesnakes at various altitudes at different seasons; and the rare, but poisonous, Sonora coral snakes live in the desert flatlands. However, snakes are not abundant.



On the trail to Manning Camp

