Ecoregions of Nevada

Pattern of fault block mountain ranges and intervening valleys. Precipitation increases from east to west, with mountainous areas receiving more than 30 inches per year, and dry deserts receiving less than 10 inches per year. The Basin and Range Province, characterized by the Great Basin and Nevadite Mobile Belt, is a major geographic feature of the state. Volcanic activity and tectonic processes have shaped the landscape, creating a diverse range of ecosystems.

Sierra Nevada

The Sierra Nevada is a mountain range located west of the Great Basin. It is part of the Western Cordillera and is known for its stunning peaks and glaciers. The range is divided into several ecoregions, each with its own unique flora and fauna. The region is home to the Sierra Nevada Bighorn Sheep, which is a critically endangered species.

High Elevation Ruby Mountains

The High Elevation Ruby Mountains ecoregion is located in the northeastern corner of the state. It is characterized by high altitude and severe winter conditions, with temperatures often dropping below freezing. The ecoregion is home to a variety of plant and animal species, including the Sierra Nevada yellow-bellied marmot and the yellow-bellied sparrow.

The Ruby Mountains

The Ruby Mountains are a range located in the northeastern part of the state, south of the High Elevation Ruby Mountains ecoregion. The range is known for its rugged terrain and diverse plant communities, including greasewood and Artemisia. The region is home to the Ruby Mountains yellow-bellied marmot, which is a threatened species.

Colorado Plateaus

The Colorado Plateaus is a geographic province located in the southwestern United States, including parts of Nevada, Utah, Arizona, and Colorado. The region is characterized by plateaus, mesas, and canyons, and is known for its diverse ecosystems, including shrublands, grasslands, and forests. The Colorado Plateaus is home to a variety of plant and animal species, including the bighorn sheep and the desert bighorn sheep.

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