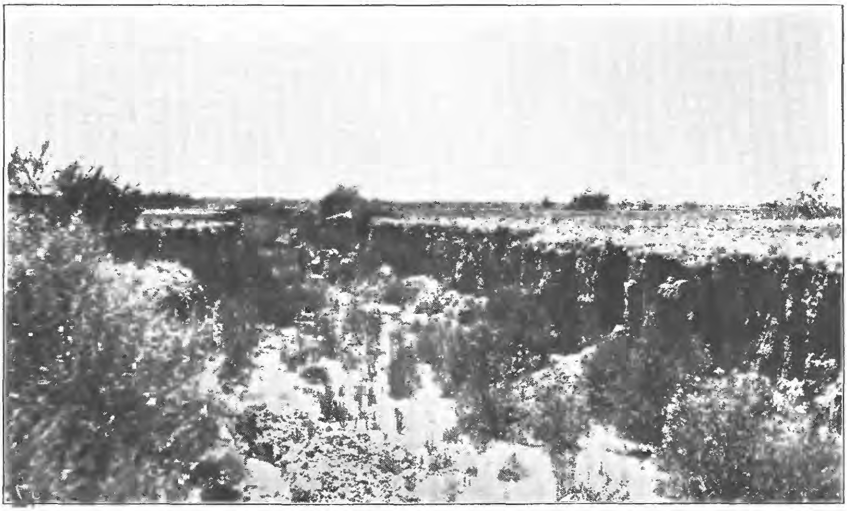
A. FLOODING OF SOUTHERN PACIFIC RAILROAD NEAR SALTON.

Photograph by W. C. Mendenhall.

B. END OF PROTECTIVE LEVEE DESTROYED BY BREAK IN DECEMBER, 1906.

Photograph by W. C. Mendenhall.



A. ARROYO CUT IN IMPERIAL VALLEY BY FLOOD WATERS OF 1904-1907.

Photograph by W. C. Mendenhall.

B. CUT BANKS OF NEW RIVER FORMED DURING FLOODING OF IMPERIAL VALLEY.

Photograph by W. C. Mendenhall.

A. SALT GRASS (DISTICHLIS SPICATA) AND MESQUITE (PROSOPIS) AT MESQUITE SPRING, SAN BERNARDINO COUNTY.

The calf has died recently in the pool of water.

B. THE OCATILLA (FOUQUIERIA SPLENDENS).

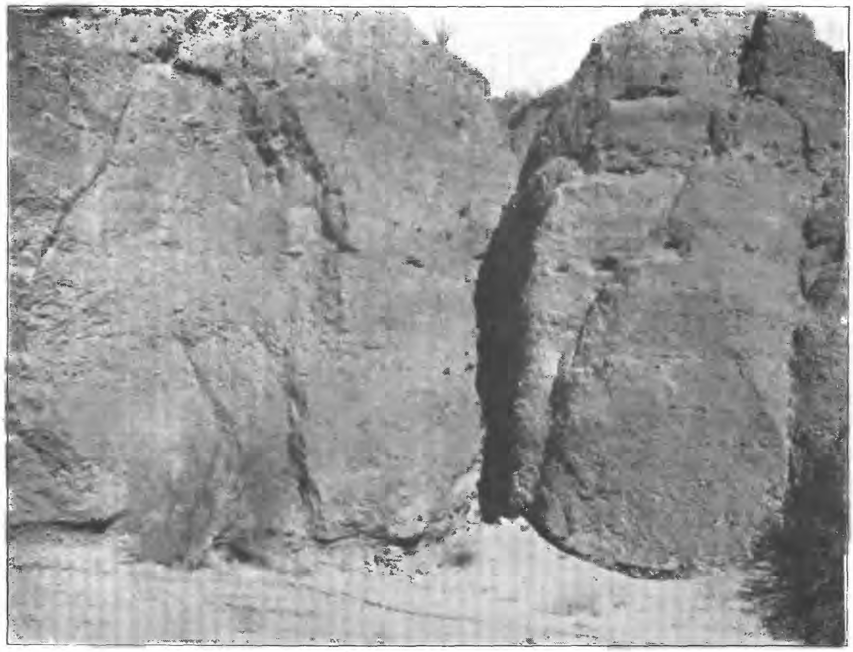
A typical inhabitant of the detrital slopes. Cactus and ironwood in the background. South border of Cottonwood Mountains.

BADLANDS OF UPPER CARRIZO VALLEY

Carved in soft Tertiary beds. View looking northwest from Carrizo Mountain. Photograph by W. C. Mendenhall.

TABLE MOUNTAIN AND BADLANDS ON NORTH SLOPE OF CARRIZO MOUNTAIN.

Photograph by W. C. Mendenhall.



A. DETAIL OF EROSION IN THE MECCA HILLS.

Vertical wall of Shaver Canyon in horizontal conglomerate beds. Flood waters from the bordering uplands erode hanging valleys like the one in the center.

B. BADLANDS NEAR SEVENTEEN PALMS.

Carved in Tertiary strata south of the Santa Rosa Mountains. Photograph by W. C. Mendenhall.

SAND HILLS NEAR AMOS.

Photograph by W. C. Mendenhall.

A. EAST OF NILAND.
Showing wave-cut cliff and terrace.

B. AT FOOT OF SANTA ROSA MOUNTAINS, WEST OF TORO.
Showing sand beach.

OLD BEACH OF LAKE CAHUILLA.

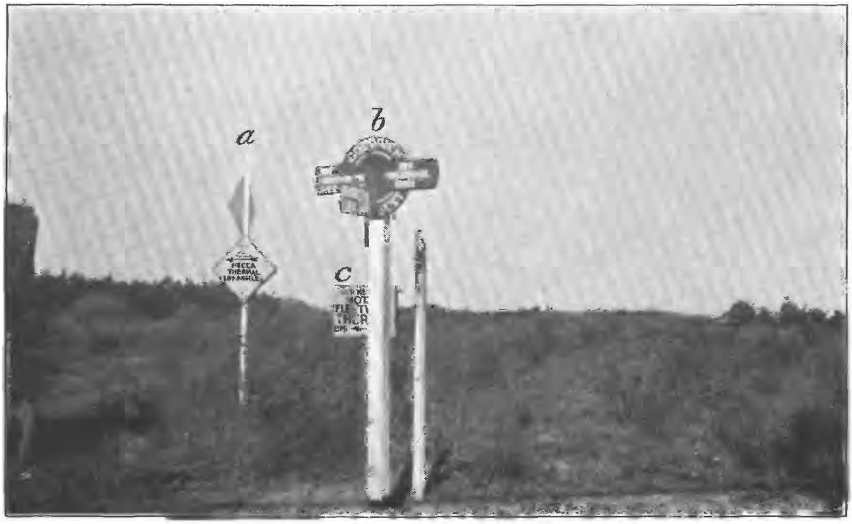
Photographs by W. C. Mendenhall.

A STREAM OF THE PENINSULAR MOUNTAINS.

Diversion dam for Garden of Eden Indian Reservation in Andreas Canyon, near Palm Springs. Photograph by United States Indian Service.

A. FIRST SIGN ERECTED BY UNITED STATES GEOLOGICAL SURVEY IN DESERT REGION.

Placed by C. P. Ross in Arizona. Photograph by C. P. Ross.



B. GROUP OF SIGNPOSTS IN COACHELLA VALLEY.

a, Sign of Automobile Club of Southern California; *b*, sign of Goodrich Touring Bureau; *c*, local advertising sign.

A. BATHHOUSE AT PALM SPRINGS.

To the right is a clump of wild palms denoting the original Agua Caliente Spring. Photograph by United States Indian Service.

B. FISH SPRINGS.

Typical of artesian springs in valleys well supplied with ground water.

A. CREST OF PENINSULAR MOUNTAINS WEST OF JACUMBA.

Photograph by W. C. Mendenhall.

B. TYPICAL ADVERTISING SIGN ON THE MOUNTAIN SIDE BETWEEN SAN DIEGO AND EL CENTRO.

A. SHAVER CANYON 3 MILES SOUTH OF SHAVER WELL.
Vertical strata of sandstone form the south (right) wall.

B. NORTH WALL OF SHAVER CANYON NEAR SHAVER WELL.
Most of the rock face is schist, but in the center is a remnant of stratified gravel.

A. SHAVER WELL.

Over the well is a palo verde tree.

B. CAMP NEAR FORD WELL.

The palo verde tree is unusually large, about 50 feet high.

A. COTTONWOOD SPRING, LOOKING WEST.

B. WEST OUTLET OF COTTONWOOD SPRING.

The pipe is discharging water from a small tunnel in granite.