

THE SPELEOLOGICAL SUVEY OF MEXICO'S FIRST REPORT ON THE CAVES OF MEXICO

Febuary 12, 1963

Edited by T. R. Evans

The Speleological Survey of Mexico is the organization that became the Association for Mexican Cave Studies. A faint copy of this rare spirit-duplicated publication was donated to the AMCS by William Russell. It was scanned by Bill Mixon in June 2010. The scans are presented grayscale to preserve as much legibility as possible.

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Note: This first report is not intended as a source of information for spelunkers, etc. The purpose of this report is to inspire you, the reader, to supply us with additional information about these caves and other Mexican caves that you may know of. We want descriptions of caves, locations, lists of fauna taken from the caves, bibliographical material, maps, reports of trips that have been made to the caves, reports of archaeological work carried on, etc. Please take the time to read over this report carefully, and if you find any mistakes that we have made, let us know.

You have in your hand all of the information that we of the SSM have, and after reading the report, you will see that much of our information is very scanty. Please reply if you have additional information or more accurate information.

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Austin 12, Texas

Editor of the SSM: T. R. Evans
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CAVE OF SAN BONIFAS

BAJA CALIFORNIA

Owner: Unknown

Location: Inland a short distance from the town of Mulege.

Description: Of interest to archaeologists because of its cave paintings.

Bibliography: "Mexico's Caves and Caverns." 1962 ed. p. 17 (a pamphlet published by Pemex).

CUEVA CHORREADERO

CHIAPAS

Owner: Unknown

Location: 4 mi. NE of Chiapa de Corzo, Km. 1110. Alt. 3000'.

Description: A stream of moderate size flows from the cave. The entrance is near the base of a 150'-200' cliff, and is 30'-40' high, 20' wide, and 40' above the canyon floor, thus creating a waterfall. Large flights of swallows enter the cave as the density of the bat flight decreases.

Reported by: Dr. D. C. Carter, Texas A&M Dept. of Wildlife Management.

MUNICIPAL PARK CAVE

CHIAPAS

Owner: The city of Tuxtla Gutierrez.

Location: In a municipal park of Tuxtla, 2 mi. SW of Tuxtla. The cave is in the park near the swimming pool.

Description: The cave is fairly small, contains water and springs, and apparently connects to a small underground stream.

Fauna: Glossophaga

Reported by: Dr. D. C. Carter, Texas A&M Dept. of Wildlife Management.

CUEVA DEL RANCHO NUEVO

CHIAPAS

Owner: Unknown

Location: Near San Cristobal de las Casas. (See Sr. Krensky who owns a photo shop in San Cristobal.)

Reported by: Dr. D. C. Carter of the Texas A&M Dept. of Wildlife Management.

CUEVA DE LA MINA LEPANTO

CHIHUAHUA

Owner: Naica Mines of Mexico (a subsidiary of the Penoles Co.).

Location: Near the mining camp of Naica, Chi. Go on the Mex. Central Railroad to the station of Concho, 130 kms. S of Chihuahua. From here, take the narrow gauge line to Naica, about 30 kms.

Description: A gypsum cave which is near the Maravilla Cave, and may actually be a continuation.

Bibliography: Foshag, Wm. F. "The Selenite Caves of Naica, Mex." THE AMERICAN MINERALOGIST, 1927, pp. 252-256.

CUEVA DE LA MINA MARAVILLA

CHIHUAHUA

Owner: Naica Mines of Mexico (a subsidiary of the Penoles Co.).

Location: See location of preceding cave.

Description: The cave is on the third level of the mine and is guarded by a heavy wooden door to prevent vandals from entering. The cave is noted for its gypsum crystals which range in size from several inches long to 5 or 6 ft. The large clusters of crystals resemble the famed agave plants of Mexico.

BUEN ABRIGO CUEVA

COAHUILA

Owner: Unknown

Location: At the foot of Sierra San Lorenzo. The cave is in the area of Candelaria and may be in the state of Durango.

Fauna: *Mormoops m. megalophylla* (Collected by Davis & Carter 1959).

Bibliography: MEXICO'S CAVES AND CAVERNS, 1962 ed., p. 16 (a pamphlet published by Pemex). Davis, Wm. B. & Carter, D. G. "Notes on Central American Bats with Description of a New Subspecies of *Mormoops*," THE SOUTHWESTERN NATURALIST, 7(1):67, June 1962.

CUEVA DEL ANGOSTO

COAHUILA

Owner: Unknown

Location: To the north of la Cueva de la Candelaria.

Bibliography: MEXICO'S CAVES AND CAVERNS, 1962 ed. p. 16 (a pamphlet published by Pemex).

CUEVA DE LAS ANIMAS

COAHUILA

Location: Near Monclova.

Reported by: Dr. F. Bonet

Owner: Unknown

Location: Begin at the largest service station on the north side of Highway 57, east of Arteaga. Proceed one mile along 57, and take the dirt road north across the dam. Drive 6 miles and park car. The cave is visible from the road and is about 1500' above the Cerro del Portezeute.

Description: The entrance is 60' high and 100' wide. A breakdown slope descends from the entrance, and the cave gets smaller towards the end. There are many formations in the cave, which is only 250' long.

Bibliography: Mohr, Charles E. "Special Supplement--Caves of Mexico," NSS NWS, April 1950, p. 3. PEMEX, Nov. 1944 (a publication of Petroleos Mexicanos). MEXICO'S CAVES AND CAVERNS, 1962 ed. p. 13 (a pamphlet published by Pemex).

CUEVA DE BERNARDO

COAHUILA

Owner: Unknown

Location: See former cave location. This cave is on the same hill, only $\frac{1}{2}$ -way up.

Description: The entrance is a 10" X 18" hole which drops 62' to a breakdown pile. The horizontal length of the cave is about 30'.

Reported by: R. M. (Bud) Frank--Easter 1962.

CUEVA DE LA CANDELARIA

COAHUILA

Location: Northeast of Torreon, near the border of Durango. The cave is on the northern side of the extreme northern part of the small Candelaria Range, to the south of the Delicias Valley. It is about 3 $\frac{1}{2}$ hrs. on a fair road from (NE) San Pedro de las Colonias.

Description: The entrance is a horizontal hole about 10' in diam. There is a drop at the entrance and a cable ladder or rope is necessary. The first room has a ceiling ht. of 9 mts. and the second room, south and well below the first, has a ht. of 4 mts. The floor of the second room is irregular and has large cracks in it leading to other parts of the cave. Exploration is dangerous. The first room was used by peoples of Laguna as a funeral deposit. The bodies were not buried, but were wrapped as mummies. Much archaeological work has been carried on in this cave.

Bibliography: MEXICO'S CAVES AND CAVERNS, 1962 ed. pp. 14-16 (a pamphlet published by Pemex).

CUEVA DE EL CHARRO

COAHUILA

Location: Near Arteaga.Reported by: Dr. F. Bonet

COYOTE CAVES (Cueva de Agua)

COAHUILA

Location: Northeast of Torreon.

Bibliography: MEXICO'S CAVES AND CAVERNS, 1962 ed., p. 16 (a pamphlet published by Femex). Mason, J. Alden, "Some Unusual Petroglyphs and Pictographs of Durango and Coahuila, Mexico," HOMENAJE A PABLO MARTINEZ DEL RIO EN EL XXV ANIVERSARIO DE LA EDICION DE "LOS ORIGENES AMERICANOS", (Mexico 1961), p. 309.

CUEVAS (1 & 2)

COAHUILA

Location: Near Perros de la Fuente.Reported by: Dr. F. Bonet

LA CUEVA DE ESPANA

COAHUILA

Location: 2 km. S, 11 km. W of Nazarene. Near Torreon. Turn off highway just before reaching Picardias.

Description: The cave is rather large and has a large entrance. The entrance passage ascends steeply at first, and then gradually. The first ill-defined chamber is 200' long. The second is also ill-defined and somewhat smaller: 50' long, 30' wide, and 40' high. The floor of this chamber descends and the cave continues for several hundred yards. There are some rather large rooms in the lower part of the cave.

Bibliography: Carter, D. C. & Davis, Wm. B., "Notes of Central American Bats with Description of a New Subspecies of *Mopsops*," THE SOUTHWESTERN NATURALIST, 7(1):67, June 1, 1962.

CUEVA DEL GUANO

COAHUILA

Location: Near Ramos Arizpe--on the Rancho de San Francisco.Reported by: Dr. F. Bonet

CUEVA DEL LEON

COAHUILA

Location: In Canon de la Almada near Muzquia.Reported by: Dr. F. Bonet

CUEVA DE LA MINA DE LA MUTUA

COAHUILA

Location: Near Arteaga.Reported by: Dr. F. Bonet

CUEVA DE LA NORIA

COAHUILA

Location: Near Saltillo--on the Rancho del Jaguey.

Reported by: Dr. F. Benet

CUEVAS PAILAS

COAHUILA

Location: 50 km. NE of Parras in the Arroyo del Muerto of the Sierra de la Paila. Starting from Parras, go N, crossing successively the Torreon-Saltillo Hwy., the railroad line, and the so-called Pails "mire", which is located in the bottom of an extinct lake.

Description: Vertical entrance with one room. The cave contained artifacts similar to those of Candelaria.

Bibliography: MEXICO'S CAVES AND CAVERNS, 1962 ed., p. 16 (a pamphlet published by Femex).

CUEVA DE LOS PINOS

COAHUILA

Location: Near Ojo Caliente.

Reported by: Dr. F. Benet

CUEVA DEL PORVENIR

COAHUILA

Location: Near the village of Cuatrociénegas. Contact Garza Villareal who lives in Cuatrociénegas and knows where the cave is. The cave is probably NW of this village.

Reported by: R. M. (Bud) Frank --Easter 1962.

CUEVA DE EL POZO

COAHUILA

Location: In the Canon de Jimico. This may be between Monterrey and Sabinas Hidalgo. There is a Cerro Sombrerillo and a Los Pozos.

Reported by: Dr. F. Benet

CUEVA DEL S VON ??

COAHUILA

Location: Near Ojo Caliente--in El Vulcan.

Reported by: Dr. F. Benet

CUEVA DE SAN VICENTE

COAHUILA

Location: Near the village of Cuatrociénegas. Contact Garza Villareal in this village. He knows where the cave is.

Reported by: R. M. (Bud) Frank--Easter 1962.

SHELTER CAVE

COAHUILA

Location: This cave is visible on the mountainside E of Hwy. 57 at the village of San Lazaro. The entrance is large.

Description: Shelter cave, reportedly 25' long.

Reported by: R. M. (Bud) Frank--Easter 1962.

CUEVA DEL SOMBRERILLO

COAHUILA

Location: In the Canon de Jimulco

Reported by: Dr. F. Bonet

UNNAMED CAVE

COAHUILA

Location: W of Hwy. 57, 5 miles S of the 1012 Km. post.

Reported by: R. M. (Bud) Frank--Easter 1962.

CUEVAS DEL VAPOR, DEL AGUA, DEL INDIO,
DEL MACHO, DEL CURA, DE LOS PODERES, DE
LOS JEROGLIFICOSCOAHUILA--
DURANGO

Location: In the area of Candelaria. In the state of Coahuila or Durango.

Description: These caves are probably shelters and were explored by Dr. J. Alden Mason of the University of Penn. (Mex. Caves & Cav.)

CUEVA DE LA HUNDIDA

DURANGO

Location: Northwest of Torreon and Gomez Palacio. In the area of Candelaria.

Bibliography: MEXICO'S CAVES AND CAVERNS, 1962 ed., p. 16 (pamphlet published by Pemex).

GRUTAS DE MAPIMI

DURANGO

Location: Near Torreon, the capitol of the neighboring state of Coahuila. This cave is reached by a fine highway from Torreon.

Description: Supposedly 15 kms. long. Many oxidized metals appear in the cave's interior making the walls appear red. There are many formations and a few "bottomless" pits. The cave has been explored by members of the Everest Club--probably from Torreon.

Bibliography: MEXICO'S CAVES AND CAVERNS, 1962 ed., p. 13 (a pamphlet published by Pemex).

CUEVA PINTADA

DURANGO

Location: In the vicinity of Sotelitos, Durango (in the Sierra Madre Occidental of western Durango).

Description: Probably a shelter. Contains red and black pictographs, some post-Spanish.

Bibliography: Mason, J. Alden, "Some Unusual Petroglyphs and Pictographs of Durango and Coahuila, Mexico," HOMENAJE A PABLO MARTINEZ DEL RIO EN EL XXV ANIVERSARIO DE LA EDICION DE "LOS ORIGENES AMERICANOS", (Mexico 1961), p. 309.

Location: In the district of Pedricena, Durango.

Description: Of archaeological interest. Human remains found.

BOCA DEL BOCACITO

GUERRERO

Location: Near Iguala, about $\frac{1}{2}$ mile from Boca del Diablo. Well known by local children.

Description: A vertical shaft about 150' deep.

Reported by: Carroll Slemaker--taken from a list that he compiled sometime around 1956.

GRUTA DE CUALAC (Cototolapan)

GUERRERO

Location: Near the village of Cualse, in northern Guerrero, near the Puebla border. It is near the towns of Musuxtitlan and Chiepetlan.

Description: Chiefly of archaeological interest. A historical codex dating from the XVI century, but post-conquest and executed on European paper was found here.

Bibliography: MEXICO'S CAVES AND CAVERNS, 1962 ed., p. 27 (a pamphlet published by Pemex). Muller, Florencia, EL CODICE DE CUALAC.

BOCA DEL DIABLO

GUERRERO

Location: Near Iguala; go 10 mi. N of Iguala towards Taxco and at the bottom of hill, turn left off highway onto dirt road. Immediately turn left again, cross small cobblestone bridge, and proceed to the Boca, which is in the brush a few yards ahead.

Description: This is the legendary "Devil's Throat" into which many political prisoners were supposed to have been thrown. There is an unbroken drop of 275' from the 10' x 20' opening to an alcove. From here, there is another 50' drop, and a final easy climb of another 50'. The bottom is a large chamber about 60' in diameter.

Reported by: Carroll Slemaker--information taken from a list that he compiled sometime around 1956.

GRUTAS DE CACAHUAMILPA

GUERRERO

Location: 49 kms. southwest of Alpuyecas, which is 100 kms. from Mexico City. The cave is a national park and is shown on most road maps.

Description: Commercial cave of Karlsbad proportions. The commercial portion is about 2 kms., although there is said to be over 15 kms. of passage. The cave has many legends associated with it and literally thousands of adventurous people have explored the cave.

Bibliography: Mohr, Charles E. "Special Supplement--Caves of Mex." NSS NEWS, April 1950, pp. 4-5. MEXICO'S CAVES AND CAVERNS, 1962 ed., pp. 17-23 (a pamphlet published by Pemex). This bibliography is incomplete. (Also see Hovey's CELEBRATED AMERICAN CAVERNS).

CUEVA DE CARLOS PACHECO

GUERRERO

Location: One mile on a foot trail running along the mountain-side from Cacshuamilpa, and somewhat above the main Grutas.

Description: Much smaller than Cacshuamilpa. It consists of two parallel rooms which are well decorated with large, but dry stalactites.

Bibliography: Mohr, Charles E. "Special Supplement--Caves of Mexico," April 1950, p. 4.

GRUTAS DE CUETMULA

GUERRERO

Location: Near Iguala--somewhere near Balsas and Arcelia, SW of Iguala.

Description: Reported by Otis McCallister to be the "largest cave in Mexico."

Reported by: Carroll Slemaker (taken from a list that he compiled sometime around 1956).

DOS BOCAS

GUERRERO

Location: Near the Grutas de Cacshuamilpa--about $\frac{1}{2}$ mile below Cacshuamilpa by foot trail. Signs indicate the way.

Description: Two very large caves with entrances about 300' apart at the head of a blind canyon. The San Jeronimo River flows from the upper Boca and is very swift, making exploration somewhat hazardous. The Chontacustian flows from the lower Boca and joins the San Jeronimo to form the Rio Amacusse. The upper Boca has an upper entrance, and another about $\frac{1}{2}$ -way along between the upper and lower ones. The upper entrances of the Bocas are many miles apart and each cave is said to be from 4-8 miles long. The passages in both are on the order of 75' wide and equally as high. The best time for exploration is April or early May when little rain occurs.

Bibliography: MEXICO'S CAVES AND CAVERNS, 1962 ed., p. 18 (a pamphlet published by Pemex). Mohr, Charles E. "Special Supplement--Caves of Mexico," NSS NEWS, April 1950, p. 4. Evans, T. R. "Report on the 2nd and 3rd SSM Trips," THE TEXAS CAVER, Feb. 1963.

GRUTAS DE JUXTLAHUACA

GUERRERO

Location: 4 miles N of Colotlipa, Guerrero. The road to Colotlipa takes off near Chilpancingo--to the left as you go towards Acapulco. It is necessary to walk 3 or 4 miles to reach the cave. Horses are available.

Description: The entrance is 4 m wide and 5 m high. The cave is large and well-decorated with formations. Pictographs appear in one section of the cave. There is an underground river about 1300 meters from the entrance. The cave also contains a "bottomless" pit.

Bibliography: MEXICO'S CAVES AND CAVERNS, 1962 ed., pp. 24-27 (a pamphlet published by Pemex).

Location: One mile S of Palo Blanco, Guerrero.

Description: Small sink hole with a 12' entrance drop. Rope needed. It has one main chamber and several smaller ones.

Reported by: Dr. D. C. Carter of the Texas A&M Dept. of Wildlife Management--1959.

UNNAMED CAVE

GUERRERO

Location: Near Iguala, about $\frac{1}{2}$ mile from Boca del Diablo. Local inquiry will turn it up.

Reported by: Carroll Slemaker--taken from a list that he compiled sometime around 1956.

UNNAMED CAVE

GUERRERO

Location: Acahuizotla, Guerrero

Description: The cave is 40 yards long and contains bats.

Reported by: Dr. D. C. Carter of the Texas A&M Dept. of Wildlife Management.

UNNAMED CAVE

GUERRERO

Location: Almolonga, Guerrero

Description: The cave contains several crevices in overhanging wall which contains bats. No passages at the bottom.

Reported by: Dr. D. C. Carter of the Texas A&M Dept. of Wildlife Management.

UNNAMED CAVE

GUERRERO

Location: Mexcala, Guerrero. 1.5 miles from Highway 95 is the village of Mexcala. The cave is 6-8 kms. downstream on the Rio Balsas. It is 15 km. by road.

Reported by: Dr. D. C. Carter of the Texas A&M Dept. of Wildlife Management.

CUEVA DEL CHIVO

HIDALGO

Location: At Huapalcalco, an archaeological site near the town of Tulancingo. The site is 4 kms. north of Tulancingo.

Description: Of archaeological interest. Obsidian knives, balls of copal incense, skeletons of children, and ceramics from late, preconquest periods have been taken from the cave.

Bibliography: MEXICO'S CAVES AND CAVERNS, 1962 ed., p. 32 (a pamphlet published by Pemex).

UNNAMED CAVE

HIDALGO

Location: Near Chapulhuscan. Take foot trail from here to small village ($2\frac{1}{2}$ miles) and inquire here.

Description: Entrance is in 75' cliff about 1 mi. from village towards river. It is 1000 ft. long and has a wet-weather stream.

UNNAMED CAVE (cont'd)

HIDALGO

Reported by: Carroll Slemaker (taken from a list that he compiled sometime around 1956).

GRUTAS XOXAPI

HIDALGO

Location: Near the town of Lagunillas which is several kms. E of the Pan American Highway at Km. 126 (Mohr reports Km. 196). The cave is about two miles E of Lagunillas along a good dirt road on a hill called "Loma del Zopilote." The cave is easy to reach and the people of the area will act as guides.

Description: Large and very beautiful cave with many rooms and galleries (according to "Mexico's Caves and Caverns"). Mr. Mohr describes the cave as looking like the core of an extinct volcano. He estimates a direct descent of 500' via ladders that were in the cave to an apparently bottomless pit, over which hung the cave's sole stalactite. (There is another cave in the area called the "Cristo Grottos" which has a vertical entrance, and is perhaps the cave that Mr. Mohr describes as "Xoxapi.")

Bibliography: Mohr, Charles E. "Special Supplement--Caves of Mex." NSS NEWS, April 1950, p. 4. MEXICO'S CAVES AND CAVERNS, 1962 ed., p. 12 (a pamphlet published by Femex).

CUEVA DE LA ESTRALTA

MEXICO

Location: The cave is on the Rio Zapote, NE of Cacahuatlpa, near Ixtapan de la Sal.

Description: Large cave with pits, a river, and waterfalls.

Bibliography: COLLIER'S MAGAZINE, Oct. 1, 1954.

UNNAMED CAVE

MORELOS

Location: 3 miles E of Tepostlan, Morelos.

Description: The entrance is obscured by vegetation. The cave contains a room 30-40 yds. long, 10 yds. wide, and 3-4 yds. high.

Reported by: Dr. D. C. Carter of the Texas A&M Dept. of Wildlife Management.

CUEVA DE AGUA

NUEVO LEON

Location: Near Sabinas Hidalgo.

Reported by: Dr. F. Bonet

CUEVA LA BOCA

NUEVO LEON

Location: On a hillside some 2 km. east of Villa de Santiago. There is a stream at Santiago which, if low enough, will permit driving to the foot of the hill. 800' climb to the entrance.

Description: The entrance is 80' high and quite impressive. The cave ends abruptly after 200 yards and contains large numbers of bats.

Bibliography: Mohr, Charles E. "Special Supplement--Caves of Mex." NSS NEWS, April 1950, p. 5. Davis, Wm. B. & Carter, D. C. "Notes of Central American Bats with Description of a New Subspecies of Mormoops," THE SOUTHWESTERN NATURALIST, 7(1):67, June 1, 1962.

CUEVA DE CASA BLANCA

NUEVO LEON

Location: 26.5 miles SW of Monterrey, between Monterrey and Saltillo. At this point, there is a truck stop and refreshment stand known as "Casa Blanca." Inquire here for directions.

Description: Quite beautiful.

Reported by: Dr. F. Bonet

CUEVA DEL CARRIZAL

NUEVO LEON

Owner: On the property of La Hacienda del Carrizal.**Location:** About 34 miles N of Bustamante near the village of Candela and in the area of the Colondrinas mines. The hacienda may be reached by jeep or V-Wagon, etc. and there is a train to Estacion Candela. The cave is near the Cerro de Candela (a mountain).**Description:** Two streams merge before the lower entrance. One is about 80° F and the other 70° F. The warm-water passage siphons about 300' from the entrance. The upstream passage continues in the cold-water passage for some 2000 ft. and then gets very small, almost siphoning. The cave is essentially all walk-through and contains few formations.**Bibliography:** Mohr, Charles E. "Special Supplement--Caves of Mexico," NSS NEWS, April 1950, p. 3.**GRUTA DEL PALMITO (BUSTAMANTE)**

NUEVO LEON

Location: About 3 miles from the village of Bustamante by rough dirt road and by steep winding trail. The cave is some 2000 ft. above the start of the trail. A guide or instructions may be gotten in Bustamante.**Description:** Very large passage, filled with huge formations. The main passage is over 2000 ft. long and descends to a depth 600 ft. below the entrance. Large breakdown covers the floor in places.**Bibliography:** Mohr, Charles E. "Special Supplement--Caves of Mexico," NSS NEWS, April 1950, p. 3. Reddell, James THE TEXAS CAVER, Jan.-Feb. 1961.**GRUTAS DE GARCIA**

NUEVO LEON

Owner: See Pedro Wood or the Lions Club of Monterrey.**Location:** Take road S from Monterrey 13 miles and at this point, turn W and continue about the same distance until reaching Villa Garcia. The entrance is about 8 miles north of this town at an altitude of 1110 meters.**Description:** Large, scenic, electrically-lighted commercial cave. A steep walk is necessary to reach the cave. The tour lasts 3 hours and covers 5 miles. The cave also has a spectacular skylight in the roof of one of the large rooms.**Bibliography:** Mohr, Charles E. "Special Supplement--Caves of Mexico," NSS NEWS, April 1950, p. 3. MEXICO'S CAVES AND CAVERNS, 1962 ed., p. 6-11 (a pamphlet published by Pemex).**CUEVA DE LEON**

NUEVO LEON

Location: Near Majarras.**Reported by:** R. M. (Bud) Frank--Easter 1962.**CUEVA DE LA MINA DE LA BLANCA**

NUEVO LEON

Location: Near Cerralvo.**Reported by:** Dr. F. Bonet.**CUEVA DE EL MURCIALAGO**

NUEVO LEON

Location: Near Aramberri which is about 100 miles off the highway over rough roads.**Description:** Small cave.**Reported by:** Dr. F. Bonet

Location: The entrance is located 1 1/2 miles across the valley from Grutas Garcia, about 1000' above the creek bed.
Description: The entrance is 50' x 100'. The cave is 200' long with a maximum width of 150' and height of 150'. The floor is covered with breakdown and descends for a vertical depth of 70'. A few formations are present.
Reported by: R. M. (Bud) Frank--Easter 1962.

CUEVA DE SAN JOSECITO

NUEVO LEON

Location: In the vicinity of Aramberri, which is a town about 100 miles off the highway over very rough roads.
Reported by: Carroll Slemaker (information from a list that he compiled sometime around 1956).

UNNAMED CAVE

NUEVO LEON

Location: On a mountain of El Oriente, 3/4 of El Carrizal.
Reported by: R. M. (Bud) Frank--Easter 1962.

UNNAMED CAVE

NUEVO LEON

Location: Near Iturbide.
Reported by: R. M. (Bud) Frank--Easter 1962.

UNNAMED CAVE

NUEVO LEON

Location: Near and NW of Los Ramones.
Reported by: R. M. (Bud) Frank--Easter 1962.

UNNAMED CAVE

NUEVO LEON

Location: Near Garcia. The cave is about 1/2 to 3/4 mile before Grutas Garcia, on the left side of the road, about 2000' up. A guide is necessary. See Pedro Wood at Garcia.
Reported by: Carroll Slemaker (information taken from a list he compiled sometime around 1956).

UNNAMED CAVES

NUEVO LEON

Location: In the vicinity of Aramberri, which is 100 miles off the highway over very rough roads.
Description: Three or four small caves. One is a cave with a vertical entrance drop of about 50'. This cave is located on the top of a hill near Aramberri and the entrance is 2 1/2' x 3'. Below the drop is a large room from which there may be ledges.
Reported by: Carroll Slemaker (from a list that he compiled sometime around 1956).

GRUTA DE LA VIRGIN

NUEVO LEON

Location: NW of Grutas Garcia about 10 miles.
Reported by: R. M. (Bud) Frank--Easter 1962.

LAS CUEVAS

OAXACA

Location: On a hill E of Tehuantepec are several caves.
Bibliography: Lomb, Dana THE LOST CITY.

CAVES OF GUIBINGOLA MOUNTAIN

OAXACA

Location: On a fortified hill with ancient ruins near the city of Tehuantepec.
Description: These caves are probably shelters and contain paintings.
Bibliography: MEXICO'S CAVES AND CAVERNS, 1962 ed., p. 29 (a pamphlet published by Pemex).

HUAJUAPAN DE LEON

OAXACA

Location: 2 miles north of Huajuapán de León are several small caves and one large one.

Description: The large cave is a deep, narrow sink hole which requires 80' of rope to enter. There are no passages from the bottom of the pit. The caves are unnamed.

Reported by: Dr. D. C. Carter of the Texas A&M Dept. of Wildlife Management.

MIXTEQUILLA

OAXACA

Location: 6 miles NW of Mixtequilla.

Description: The cave has two entrances and is hot and dry. The total passage length is 75-100 yards. Cave is unnamed.

Reported by: Dr. D. C. Carter of the Texas A&M Dept. of Wildlife Management.

GRUTAS DE MONTIPLOR

OAXACA

Owner: Sr. Alvaro Alvarez (owner of the tobacco hacienda).

Location: The cave is on the hacienda which is found on the Mexico City-Valle Nacional Highway. The hacienda is about 6 kms. before Valle Nacional, and the road is paved. Ask permission to visit the cave. The entrance is a 10-min. walk from the hacienda hdqts.

Description: The cave has a small entrance and is supposed to be quite extensive and virtually unexplored.

Bibliography: MEXICO'S CAVES AND CAVERNS, 1962 ed., p. 29 (a pamphlet published by Pemex).

CUEVA PINA DEL COLORADO

OAXACA

Location: 1 mile S of Tequisistlán, Oaxaca. It is in a hill N of Hwy. 190, 8 miles W of Tehuantepec.

Description: The cave has a large mouth in a sandstone formation. The cave is very dry and the floor is dust-covered.

Reported by: Dr. D. C. Carter of the Texas A&M Dept. of Wildlife Management.

GRUTAS DE SOLA DE VEGA

OAXACA

Location: Ask for directions in Sola de Vega, Oaxaca, which is twenty minutes SW of Oaxaca by car or bus.

Description: Contains formations and is supposed to be rather spectacular.

Bibliography: MEXICO'S CAVES AND CAVERNS, 1962 ed., p. 29 (a pamphlet published by Pemex).

GRUTA DE TEPERMEME

OAXACA

Location: Near Tepelmeme, District of Coixtlahuaca, Oaxaca (about 15 kms. N of Tepelmeme).

Description: The cave is entered by a tunnel 200 mts. long, 100 mts. wide, and 70 mts. high. Polychrome paintings are found at a distance of 10 mts. inside the cave and have been investigated by Dr. Alfonso Caso and other specialists from the Institute of Anthropology.

Bibliography: MEXICO'S CAVES AND CAVERNS, 1962 ed., pp. 28-29, (a pamphlet published by Pemex).

UNNAMED CAVE**OAXACA**

Location: Near Potrero. It is a fairly major undertaking to reach this area, which is in a valley with a large river, E of Potrero.

Description: This is only one of the many caves that apparently exist in this valley of many resurgences. The cave is said to be large.

Bibliography: Lamb, Dana THE LOST CITY.

CUEVA DE YANHUITLAN**OAXACA**

Location: Near Yanhuitlan, Oaxaca, which is on the Mexico-Acapulco Highway.

Description: A cave that was used for religious purposes (and may still be) and which had a sacred idol in it.

Bibliography: MEXICO'S CAVES AND CAVERNS, 1962 ed., p. 28 (a pamphlet published by Pemex).

CUEVA DE COXCATLAN**PUEBLA**

Location: South of Tenasco, the famed mineral-spring resort.

Description: Of archaeological interest because of the old beans, corn, gourds, chili, and pumpkins that have been found here. The cave has been studied by Dr. Richard McNeish and others. From the finds of this cave, it is proven that man in this region was sedentary and had a formed agriculture almost 9,000 yrs. ago.

Bibliography: MEXICO'S CAVES AND CAVERNS, 1962 ed., p. 32 (a pamphlet published by Pemex).

CUEVA DEL MADRONO**QUERETARO**

Location: About 3/4 hr. from the road to the SE from El Madrono, which is near Laguna Colorado, Municipio de Landa de Metamoras, Queretaro. A guide is necessary.

Description: Altitude of entrance: 1,810 mts. Maximum penetration: 36 mts. The entrance is oriented to the NW. The ceiling ht. varies from 1.8 to 3 mts. The cave has some formations and breakdown.

Bibliography: Bonet, F. CUEVAS DE LA SIERRA MADRE ORIENTAL EN LA REGION DE XILITLA, (Mexico 1953), pp. 92-96 (Boletin Num. 57 of the Inst. de Geologie of the UNAM).

CUEVAS DEL AHUATE (1, 3, & 4)**SAN LUIS POTOSI**

Location: In the "Puerto" del Ahuate, at some 2 kms. to the SW of Xilitla. Go on foot or horseback on the road to Plan de Juarez and Xilitla for about 20 minutes. A few minutes past the "Puerto" de San Nicolas, you reach the "Puerto" del Ahuate. 100 mts. past this "Puerto" is a dolina on the left of the road. In the sides of this dolina are 4 caves.

Description: Alt. of entrance: 721 mts. length of the caves: #1: 11 mts., #3: 5 mts., & #4: 4.5 mts. These are all small and were probably at one time part of the large #2 cave.

Bibliography: Bonet, F. CUEVAS DE LA SIERRA MADRE ORIENTAL EN LA REGION DE XILITLA, (Mexico 1953), p. 57 (Boletin Num. 57 of the Inst. of Geology of the UNAM in Mexico City).

CUEVA DEL AHUATE (2)**SAN LUIS POTOSI**

Location: See preceding caves location.

Description: Alt. of entrance: 721 mts. Length of explored portion 320 mts. The explored part occurs on two levels separated by some 30 mts. The entrance is 3.5 mts. wide and 2 mts. high, and is oriented to the W. There is a pit in the cave over 30 mts. deep that leads to an unexplored third level. The cave has some

CUEVA DEL AHUATE (2) cont'd
formations including helictites.

SAN LUIS POTOSI

Bibliography: Bonet, F. CUEVAS DE LA SIERRA MADRE ORIENTAL EN LA REGION DE XILITLA, (Mexico 1953), pp. 58-68 (Boletin Num. 57 of the Inst. of Geol. of the UNAM in Mexico City).

CUEVA DEL AIRE

SAN LUIS POTOSI

Location: Near Huichihuayan in the Municipio de Xilitla. The cave is 1700 mts. in a straight line S85W of the church in Huichihuayan, Hacienda de San Juanito. The cave is on the eastern side of the mountain. The entrance is oriented to the NE.

Description: Alt. of entrance: 190 mts. Explored portion: 60 mts. The entrance is 0.75 mts. high and 2 mts. wide. Inside, there are three rooms, two being short and the third 30-40 mts. long. This latter room has an unexplored passage at one end which is about 3 mts. high.

Bibliography: Bonet, F. CUEVAS DE LA SIERRA MADRE ORIENTAL EN LA REGION DE XILITLA, (Mexico 1953), pp. 38-42 (Boletin Num. 57 of the Inst. of Geol. at the UNAM in Mexico City).

EL SOFANO DEL ARROYO

SAN LUIS POTOSI

Location: NE of Valles a few miles near the village of Los Sabinos. The entrance is at the end of an arroyo some two miles E of Los Sabinos. The road to the arroyo is passable in a jeep or VW. Los Sabinos is near Km. 487.

Description: Large entrance at the end of a blind arroyo. There is a 65' entrance drop into the cave. To reach the back part of the cave, it is necessary to go down a 20' drop and a 50' drop. Ladders or rope are necessary for both. There is a water-filled passage that takes off from the main passage that has not been fully checked out. The passages are large and walk-through.

Bibliography: Mohr, Charles E. "Special Supplement--Caves of Mexico," NSS NEWS, April 1950, p. 4.

CUEVA DE LA BARRANCA

SAN LUIS POTOSI

Location: Near Ahuscatlan, Municipio de Xilitla. It is on the W side of the deep barranca from which the Arroyo de Xilitla runs. The cave is some 1000 mts. in a straight line to the NE of Ahuscatlan and near the village of La Barranca.

Description: Alt. of entrance: 969 mts. Length of cave: 210 mts. The entrance is about 2 mts. wide and 3 mts. high and is oriented to the E. The passage is usually between 1.5 and 2.5 mts. high and from 1 to 2 mts. wide.

Bibliography: Bonet, F. CUEVAS DE LA SIERRA MADRE ORIENTAL EN LA REGION DE XILITLA, (Mexico 1953), pp. 72-76 (Boletin Num. 57 of the Inst. de Geologia of the UNAM in Mexico City).

LA CUEVA CHICA

SAN LUIS POTOSI

Location: At the end of a good, level foot trail, $\frac{1}{2}$ mile E of the Pan American Highway, 20 km. S of Valles. The cave is near the town of Pujal which is on the Rio Santa Maria. Go one mile N of the river towards Valles to a "leno" leading E over fields. Go $\frac{1}{2}$ mile to a clearing and lime kiln. A gully leads to the cave from here.

Description: Walking passage with pools.

Bibliography: Mohr, Charles E. "Special Supplement--Caves of Mex." NSS NEWS, April 1950, p. 4.

GRUPO DE EL CHOY

SAN LUIS POTOSI

Location: Near Tamuin, on the grounds of the Hotel Tamuin.Description: Source of the Rio Choy. May be a large cave. (Permission to enter is very difficult to obtain.)Reported by: Dr. F. Bonet**CUEVA DE LOS CUCHOS**

SAN LUIS POTOSI

Location: Very close to Plan de Juarez, on one side of the Arroyo de Xilitilla, Municipio de Xilitla. From the Puerto del Ahuate, the road descends to the left side of the Arroyo until Plan Chiquito. Past this village, but immediately before Plan de Juarez is a deviation to the right which leads to the bed of the Arroyo de Xilitilla. 8-10 min. above here (walking) are two large portals. This cave is in the smallest.Description: Alt. of the entrance: 615 mts. Length of cave: 126 mts. The entrance is oriented to the NNW and is 10-15 mts. wide. Ceiling hts. range from 1.5 to 8 mts. Bat guano, but no bats.Bibliography: Bonet, F. CUEVAS DE LA SIERRA MADRE ORIENTAL EN LA REGION DE XILITLA, Mexico 1953, pp. 68-72 (Boletin Num. 57 of the Inst. de Geologia of the UNAM in Mexico City).**CUEVA GRANDE**

SAN LUIS POTOSI

Location: Near Pajal, 8 miles S of Valles and about 3 miles NE of Pajal.Description: A large cave.Reported by: Dr. F. Bonet**CUEVA DE LA VOYA**

SAN LUIS POTOSI

Location: Near Ahuacatlan. This cave is on the E side of the barranca that runs into the Arroyo de Xilitilla, about 1 km. to the NE of Ahuacatlan. Cross the barranca below the Cueva de Laja and go up the other side in the direction of Ahuacatlan.Description: Alt. of entrance: 938 mts. Length of explored part: 132 mts. The entrance is oriented to the N and is 3 mts. wide and 1.5 mts. high. The passage averages 2-3 mts. in width and varies from 1 to 10 mts. in height.Bibliography: Bonet, F. CUEVAS DE LA SIERRA MADRE ORIENTAL EN LA REGION DE XILITLA, (Mexico 1953), pp. 83-86 (Boletin Num. 57 of the Inst. de Geologia of the UNAM in Mexico City).**SITIANO DE HUITZMOLOTITLA**

SAN LUIS POTOSI

Location: On the Rancho de Huitzmolotitla near the village of Flamayo, about 10 kms. N of Xilitla. The owner is Sr. Modesto Gomez. Permission must also be gotten from the Presidente of the Municipio de Xilitla.Description: Large pit 100' in diameter and 344' deep. At the bottom of this is another drop of 161' to a walking, stream passage. This passage has been explored for over a mile with no end in sight. Wading is sometimes necessary and in the back of the cave, rafts or inner tubes are necessary.Bibliography: Evans, T. R. "Report of the First SSM Field Trip," THE TEXAS CAVER, Vol. III, # 12, Dec. 1962, pp. 135-137. Evans, T. R. "Report of Second SSM Field Trip," THE TEXAS CAVER, Vol. IV, # 1, Jan. 1963.

CUEVA DEL JOBO

SAN LUIS POTOSI

Location: On the road from Y Griega to Xilitla. The cave is on the right of the road as you approach Xilitla, 8 kms. from Y Griega, and is easily seen from the road.

Description: Alt. of the entrance: 445 mts. Explored part: 56 mts. The cave is all horizontal and large enough to walk in except for a crawlsy at the end which is about 5 mts. long. There are a few old formations. The entrance is oriented to the SW.

Bibliography: Bonet, F. CUEVAS DE LA SIERRA MADRE ORIENTAL EN LA REGION DE XILITLA, (Mexico 1953), pp. 44-50 (Boletin Num. 57 of the Inst. de Geol. of the UNAM in Mexico City). Bonet, F. "Mas Hipo-gastruridos anoftalmos de Mexico," (Collembola), REV. SOC. MEX. HIST. NAT. 7(1-4); 51-62, 1946.

CUEVA DE LA LAJA

SAN LUIS POTOSI

Location: Ahuacatlan, Municipio de Xilitla. The cave is 750 mts. in a straight line from Ahuacatlan to the NE, and near the village of La Barranca. In relation to la Cueva de la Barranca, this cave is little more to the S and 100 mts. lower.

Description: Altitude of the entrance: 870 mts. Length of cave: 80 mts. The entrance is oriented to the E. The ceiling ht. ranges from 1.5 mts. to 2.5 mts. The passage width varies from 1.5 mts. to 8 or 10 mts.

Bibliography: Bonet, F. CUEVAS DE LA SIERRA MADRE ORIENTAL EN LA REGION DE XILITLA, (Mexico 1953), pp. 76-82 (Boletin Num. 57 of the Inst. de Geol. of the UNAM in Mexico City).

CUEVA DE LA MUJER DEL AGUA

SAN LUIS POTOSI

(Cueva de Xuxo-Cenco or Cueva de Huxum-ha)

Location: 86 mts. to the SW of la Cueva del Aire, Hacienda de San Juanito, Huichihuayan, Municipio de Xilitla.

Description: Alt. of entrance: 245 mts. Explored passage: 36 mts. The entrance is obscured by breakdown and an artificial wall. From the entrance, a triangular room is entered which from one of the vertices to the opposite wall is over 100'. An unexplored passage about 10 mts. wide leads from one end of the room and descends at about 35°. The cave may connect to Cueva del Aire.

Bibliography: Bonet, F. CUEVAS DE LA SIERRA MADRE ORIENTAL EN LA REGION DE XILITLA, (Mexico 1953), pp. 42-44 (Boletin Num. 57 of the Inst. de Geol. of the UNAM in Mexico City).

CUEVA DEL NACIMIENTO DEL RIO

SAN LUIS POTOSI

HUICHIHUAYAN

Location: Some 2 kms. to the SW of Huichihuayan, Mun. de Xilitla. There is the old road to Xilitla from this point, which goes along the river and after $\frac{1}{2}$ hr. or so, you reach the Rancho de El Nacimiento. 200 mts. to the SW is a lagoon formed by water leaving the cave.

Description: Alt. of entrance: 110 mts. The entrance is oriented to the N and the water leaves the cave through large breakdown blocks. About 100' inside the cave, wall-to-wall water is encountered, making the use of boats necessary. The cave is virtually unexplored and may be quite large.

Bibliography: Bonet, F. CUEVAS DE LA SIERRA MADRE ORIENTAL EN LA REGION DE XILITLA, (Mexico 1953), pp. 36-38 (Boletin Num. 57 of the Inst. de Geol. of the UNAM in Mexico City).

LA CUEVA EL NILO

SAN LUIS POTOSI

Location: 100 yards E of the Pan American Hwy. at Km. 451.
Description: Small cave, and is partially filled with water.
Bibliography: Mohr, Charles E. "Special Supplement--Caves of Mexico," NSS NEWS, April 1950, p. 4.

LA CUEVA DEL PACHON

SAN LUIS POTOSI

Location: Near the village of Pachon, 2 km. W of the Pan American Hwy. at Km. 549.

Description: Contains main room from which lead four passages. Three end shortly and the fourth is moist with a muddy floor. As the passage progresses, it starts resembling a small creek bed and contains abundant life. 500' in the cave a clear stream appears.

Bibliography: Mohr, Charles E. "Special Supplement--Caves of Mexico," NSS NEWS, April 1950, p. 4. THE TEXAS CAVER, Jan.-Feb. 1957, Vol. II, #1.

CUEVA DE LOS PALMAS

SAN LUIS POTOSI

Location: Near Tamuin. Between Tamuin and Los Palmas.

Reported by: Dr. F. Bonet

CUEVA PINTA

SAN LUIS POTOSI

Location: Near Los Sabinos, a village N of Valles.

Reported by: Dr. F. Bonet

CUEVA DE POTRERILLOS (del Muerto)

SAN LUIS POTOSI

Location: On the Rancho de Potrerillos, 2 kms. to the WSW of Ahuacatlan, Municipio de Xilitla. The cave is in a large dolina near the fork in the road: one to the Rancho and the other to Jalpan. Ask locally.

Description: Alt. of entrance: 1,250 mts. Length of cave: 288 mts. Two walk-in entrances a couple hundred feet apart. The cave is walk-through except for a 150' crawl at the end. There are two unchecked pits in the floor, each about 30' deep.

Bibliography: Bonet, F. CUEVAS DE LA SIERRA MADRE ORIENTAL EN LA REGION DE XILITLA, (Mexico 1953), pp. 86-91 (Boletin Num. 57 of the Inst. de Geol. of the UNAM in Mexico City). Hoffmann, A. "Contribuciones al conocimiento de los Trombiculidos mexicanos," (5ª parte) CIENCIA, 12(3-4); pp. 87-94, 1952.

CUEVA DE LOS SABINOS

SAN LUIS POTOSI

Location: Near the village of Los Sabinos, which is 3 kms. E of the Pan American Hwy. at Km. 487. Ask in Los Sabinos.

Description: The entrance is large and imposing. A passage leading off from the left of the large entrance room comes to a 60' pit where rope is necessary. Beyond this point lies a room inhabited by vampire bats.

Bibliography: Mohr, Charles E. "Special Supplement--Caves of Mex." NSS NEWS, April 1950, p. 4.

CUEVA DEL SALITRE

SAN LUIS POTOSI

Location: 1200 mts. to the NE of Xilitla on a hill called "Cerro del Campo Santo Viejo. The entrance is on the N slope of the hill and takes about 20 min. to walk to.

Description: Alt. of entrance: 460 mts. Explored passage: 150 mts. The entrance is oriented to the N and is 70 mts. wide and 30 mts. high. A room of great proportions descends to the S. Near the end of this room, there is another room on the left. Near the entrance, on the right, is a pit named "El Sotano," which is unexplored and probably leads to the most important part of the cave.

CUEVA DEL SALITRE (cont'd)

SAN LUIS POTOSI

Bibliography: Bonet, F. CUEVAS DE LA SIERRA MADRE ORIENTAL EN LA REGION DE XILITLA, (Mexico 1953), pp. 50-55 (Boletin Num. 57 of the Inst. de Geol. of the UNAM in Mexico City).

CUEVAS DE TANINAL

SAN LUIS POTOSI

Location: Near Tamuin. There are two caves at the mouth of the Canyon de El Abra, about 9 km. from Valles towards Tampico.
Reported by: Dr. F. Bonet

CUEVA DEL TAPATIO

SAN LUIS POTOSI

Location: A little less than 1 km. in a st. line SW of the church in Xilitla. It is on a hill (small) about 500 kms. from the plaza. The cave opens in the western side, near the N end of the "uvala" on the hilltop. (uvala-depression??)

Description: Alt. of entrance: 720 mts. Explored part: 24 mts. Max. width of cave: 38 mts. (at entrance). The floor of the cave descends at first. There is a column 5 mts. thick near the entrance.

Bibliography: Bonet, F. CUEVAS DE LA SIERRA MADRE ORIENTAL EN LA REGION DE XILITLA, (Mexico 1953), pp. 55-57 (Boletin Num. 57 of the Inst. de Geol. of the UNAM in Mexico City).

SOTANO DEL TIGRE

SAN LUIS POTOSI

Location: In the vicinity of Los Sabinos, a ranch N of Valles.
Reported by: Dr. F. Bonet

SOTANO DE LA TINAJA

SAN LUIS POTOSI

Location: In the vicinity of Los Sabinos, a village 3 kms. E of the Pan American Hwy. at Km. 487.

Description: Entrance drop of 200'. The cave is apparently an underground water passage similar to the other caves in the area. The passage is ca. 20' wide and as high. There is a pit in the cave 1200' from the entrance which has not been checked.

Bibliography: Mohr, Charles E. "Special Supplement--Caves of Mexico," NSS NEWS, April 1950, p. 4.

VENTANA JUBAIL

SAN LUIS POTOSI

Location: Near Tamuin. Hire a guide and go 6 or 7 miles along a dry-weather road to the foot of the face of the Sierra del Abra.

Description: A large cave.

Reported by: Dr. F. Bonet

CUEVA CHINACATERRA

SINALOA

Location: 4.5 mi. S and 8 mi. W of Pericos, Sin.

Description: The entrance opens in a large sink. The cave consists of one room 60' wide, 40' long, and 30-40' high. The air in the back of the cave is saturated with ammonia.

Reported by: Dr. D. C. Carter of the Texas A&M Dept. of Wildlife Management.

LAS CUEVAS "EL TONEL" & "EL TIGRE"

SONORA

Location: Near Carbo, Son.

Description: El Tonel is like a tunnel for the first 75' and is 5' high and 5' wide. The tunnel leads to a chamber, and the cave continues. El Tigre opens in a shallow sink. A long ascending passage leads off the entrance chamber and is 100' long and as high as 40'.

Reported by: Dr. D. C. Carter of Texas A&M Dept. of Wildlife Management.

REPORT OF LEADS:

SONORA

- (1) 100 05, 30 22; Near Cumpas.
- (2) 109 02, 30 10; Near Cumpas.
- (3) 108 50, 30 17; Near Cumpas.
- (4) 110 03, 29 27; Near Mermositlo.

CUEVA DEL ABRA

TAMAULIPAS

Location: Near El Abra, some 11 miles S of Ciudad Mante. The cave is 0.9 miles S of El Abra in a canyon by the same name. The large entrance is easily seen from the highway and a ten-minute walk will get you to the cave.

Description: Large entrance room which contains a pit and impressive skylight at one end. The pit is 118' deep and leads to a lower level that terminates in a mud bank after several hundred feet.

Bibliography: Mohr, Charles E. "Special Supplement--Caves of Mexico," NSS NEWS, April 1950, p. 4. Carter, D. C. & Davis, Wm. B. "Tadarida Aurispinosa (Peale) (Chiroptera: Molossidae) in N. America," PROCEEDINGS OF THE BIOLOGICAL SOCIETY OF WASHINGTON, August 11, 1961, Vol. 74, pp. 161-166. "Caves of Mexico," THE TEXAS CAVER, Jan.-Feb. 1957, Vol. II, # 1, and March-April 1957, Vol. II, # 2.

CAVES NEAR ACULTZINGO

VERACRUZ

Location: On the left side of the Mexico City-Veracruz Hwy. that runs through Orizaba as you approach Mexico City. Two small entrances may be seen from the road, close together. They are about 1 km. from the road and 200' above it.

Description: Very small--each about 20' long and 5-6' high, and perhaps 10' wide. They are formed in a limestone conglomerate made of football-size limestone "boulders." A larger cave is supposed to be higher up in the mountains.

Reported by: T. R. Evans & Steve Plasky--July 7, 1962.

CUEVA DE AGUA

VERACRUZ

Location: Near the village of Tlilipan, S of Orizaba about 2 kms. Take a left after the first bridge out of Tlilipan and follow this dirt road (path) about $\frac{1}{2}$ mile. The water leaving the cave runs under the road.

Description: Water passage about 8-10' high with 5-6' of clearance above the water. One dry crawlway exists. The water is swift and the cave has not been fully explored.

Reported by: T. R. Evans & Steve Plasky--June 23, 1962.

CUEVA ARRIBA

VERACRUZ

Location: In a rock face on the left side of the road and 500' above it as you enter Tlilipan from Orizaba. The former is a small village a few kms. S of Orizaba. The entrance can be seen from the road.

Description: The lower part of the entrance which is 50' high and 15' wide goes nowhere. Above the lower part, there is a crack that can be climbed to with some difficulty, and which leads to a room 50' high, 10-30' wide, and 30' long. Some old formations are present as well as old guano.

Reported by: T. R. Evans & Steve Plasky--June 23, 1962.

GRUTA DE ATOYAC

VERACRUZ

Location: Below a railroad tunnel near the village of Atoyac. Inquire locally.

Description: Reasonably large walk-through passage for 1000' or so. At the end of the cave there are some crawlways. Ankle-deep water is present in some places. The cave has many formations.

Reported by: T. R. Evans & Steve Plasky--July 1962.

GRUTAS DE CARMIDAS

VERACRUZ

Location: Near Tzapotitlan.

Description: Very beautiful cave. Many formations and contains pools and lakes. Getting to the cave involves a rugged trip.

Reported by: Carroll Slemaker (taken from a list that he compiled sometime around 1956--He got his information from Otis McCalister.)

SOTANO DEL CRUCERO

VERACRUZ

Location: Near the village of Tequila, some 20 kms. S of Orizaba in the mountains. The pit is near the fork in the road where the road to Zongolica forks from the road to Tequila.

Description: Deep shaft (364'), some 20' across at the top and bellling out to 50-75' at the bottom. Water can be heard roaring through breakdown at the bottom.

Reported by: T. R. Evans & Steve Plasky--July 1962.

Bibliography: Evans, T. R. "Report on the First SSM Field Trip," THE TEXAS CAVER, Dec. 1962.

CUEVA DEL BALCON DEL DIABLO

VERACRUZ

Location: On a hill S of C. Mendoza, a town about 7 miles from Orizaba towards Mexico City. Two entrances can be seen from the road. This cave opens in the smaller, upper entrance. The lower one is a small shelter cave. A cliff about 35' high must be climbed to reach the cave.

Description: The entrance opens into a large room 100' wide and as long with a 50' ceiling. A pit in the floor goes nowhere. At the upper end, a walking passage ascends at about 15° for a horizontal distance of 300' or so. A few old and not scenic formations are present.

Reported by: T. R. Evans & Steve Plasky--June 30, 1962.

LA CUEVA DEL MORAL

VERACRUZ

Location: On the E side of an arroyo near Nogales, Ver., about 2 miles walking from Nogales. Inquire locally.

Description: Small indentation in the wall of the arroyo (at the stream bed level). Not really a cave at all. Rumors persist that it once was a robbers' hideout. If it were, there is little evidence remaining.

Reported by: T. R. Evans--June 28, 1962.

CUEVA DEL OJO DE AGUA

VERACRUZ

Location: Above a spring at Tlilipan, Ver. (a few kms. S of Orizaba), where many women do their washing.

Description: Entrance is 20' wide and 15' high and leads to a large room with a sloping breakdown floor. After this, there is a second room, and in here, a small crack that leads to a third--a pretty formation room. The cave is 400-500' long with walking, climbing, and a little crawling.

Reported by: T. R. Evans & Steve Plasky--June 23, 1962.

FISSEUR CAVE OF OJO ZARCO

VERACRUZ

Location: On a hill off to the right of the highway going towards Mexico from Orizaba. It is near the village of Ojo Zarco and is above a spring where many people get their water and where there is a small shrine. The cave entrance is about 200' above the spring.

Description: A fissure system remindful of the Langtry Gypsum caves in Texas. The fissures vary from 1' wide to 8' and from 3' high to 20'. The passages are very dry and the rock is crumbly in places. The entrance is small, being about 4' x 4'.
Reported by: T. R. Evans & Steve Plasky--July 2, 1962.

SOTANO DE OZTOATLICHOLOA

VERACRUZ

Location: Off to the right of a stone path between the road to Tequila and the road to Zongolica as you walk to the road to Zongolica.

Description: 300' drop to large room. Upstream passage terminates in a 100' dome after 500' or so. The downstream passage keeps dropping in a series of drops: 30', 60', & 90' respectively. At the bottom of the last, there is another unexplored drop in the fissure passage that is ca. 40'. There is running water in the cave--about ankle deep. The passage is from 6-8' wide and over 75' high.

Reported by: T. R. Evans, Terry Raines, James Reddell, and Wm. Russell--Nov. 1, 1962.

Bibliography: Evans, T. R. "Report on the First SSM Field Trip," THE TEXAS CAVIN, Dec. 1962.

COFRE DE PUERTA

VERACRUZ

Location: Near Jalapa.

Description: Reportedly very long.

Reported by: Carroll Slemaker (information from a list he compiled sometime around 1956--His information was from Otis McCallister.).

GRUTAS DE TEZONAPA

VERACRUZ

Location: Supposedly near Tezonapa, Ver. "Mexico's Caves & Caverns" states that there is a road from Tezonapa to the cave. A trip to the area in the fall of 1962 by T. R. Evans, Wm. Russell, J. Reddell, and T. Raines failed to turn up the cave.

Description: Large, full of formations, and very extensive. The entrance is said to be 40 mts. wide and 20 mts. high.

Bibliography: MEXICO'S CAVES AND CAVERNS, 1962 ed., p. 28 (a pamphlet published by Pemex).

CUEVA DE LAS VIGAS

VERACRUZ

Location: 3 mi. ESE of Las Vigas, Ver., about $\frac{1}{2}$ - $\frac{1}{4}$ mi. from the highway. It is possible to drive within 200 yds. of the entrance.

Description: Long sink hole with two caves at the bottom. One has a 40' entrance drop. There is a tall pine tree rising from one sink and a natural bridge is also present.

Reported by: Dr. D. C. Carter of the Texas A&M Dept. of Wildlife Management.

Note: There are many other caves and "sotanos" in the region of Tequila, Ver. that we are in the process of describing and naming. A location map of them is also being drawn.