

**THE NATURAL PROTECTED AREA OF
CUATRO CIÉNEGAS, COAHUILA,
MÉXICO:**

**EL ÁREA NATURAL PROTEGIDA DE
CUATROCIÉNEGAS, COAHUILA, MÉXICO:**

**HISTORICAL NOTES AND
UANL PARTICIPATION**

**NOTAS HISTÓRICAS Y
PARTICIPACIÓN UANL.**

**SALVADOR CONTRERAS-BALDERAS
BIOCONSERVACIÓN, A.C.,
MONTERREY, N. L., MÉXICO**

A photograph of a pond with reeds and a sandy shore. The pond is filled with water, and there are several clumps of reeds growing in the water. The shore is sandy and has some reeds growing on it. The sky is blue and there are some clouds.

EXPLORATIONS

FIRST:	1937	E. G. MARSH:
SECOND:	1958	CARL L. HUBBS, ROBERT R. MILLER, CLARK HUBBS, W. L. MINCKLEY S. CONTRERAS-B.
THIRD:	1958	
MANY OTHERS SINCE.		

INITIAL SURPRISE 1940s:

Terrapene coahuilae,

ALGAE COVERED,

THEN AN AQUATIC SPECIES.

NOT TERRESTRIAL.



FEDERAL PROTECTION PROMOTED.

**1964 W.L. MINCKLEY STARTED CONTACTS
WITH USA AND MEXICAN BIOLOGISTS**

1965 CONTACT WITH SCB

MUTUAL SUPPORT, DIVISION OF LABOR

MINCK: USA & INTERNATIONAL

SALVADOR: MÉXICO



ACTIONS AND ACTIVITIES

LETTERS TO SPECIALISTS

MEETINGS WITH CC CITIZENS

SHORT MMM, SPOTS

MEDIA NEWS & COMMENTS

CONGRESSES, SYMPOSIA, WORKSHOPS

CONFERENCES,

SEMINARS,

COURSES,

NGO's



UNIVERSITY AND NGO's PARTICIPANTS IN NATIONAL PARK PROMOTION

ARIZONA STATE UNIVERSITY	1958
UNIVERSIDAD A. DE NUEVO LEÓN	1958
BIOCONSERVACIÓN, A.C.	1973
UNIVERSIDAD A. AGRARIA A. NARRO	1980
PROFAUNA, A.C.	1980
DESUVALLE, A.C.	1984
GUARDIANES DE NUESTRO VALLE	1994



ACADEMICS PARTICIPATING

BIÓL. ARTURO JIMÉNEZ GUZMÁN, UANL

BIÓL. CARLOS H. BRISEÑO DE LA FUENTE

DR. JULIO CARRERA, UAAAN, PROFAUNA

BIÓL. EGLANTINA CANALES, UAAAN, PROFAUNA

MANY MORE AS TIME WENT BY



PRIVATE CITIZENS PARTICIPATING
JOSÉ LUGO,
LUIS GONZÁLEZ,
SUSANA MONCADA DÍAZ DE LEÓN,
LOS MANRIQUE, MENCHACA, AROCHA,
ALSO, MANY OTHERS AS TIME WENT BY



1964

SUCCESS !!!

1994

30 YEARS OF SCIENTIFIC AND SOCIAL TASKS

FEDERAL DECLARATION

NOVEMBER 7, 1994

NATURAL PROTECTED AREA OF FLORA AND FAUNA

The background of the slide is a photograph of a natural wetland or pond. The water is a light blue-grey color, reflecting the sky. Several clumps of tall, dry, brownish reeds or grasses are scattered throughout the water. In the foreground, a sandy, light-colored bank slopes down into the water. The overall scene is a natural, somewhat desolate landscape.

PUBLIC INVOLVEMENT

**BASED IN LAW, A CITIZENS ADVISORY COUNCIL
WAS ESTABLISHED IN 1996**

**COMPOSITION: AREA FUNCTIONARIES, OTHER
FEDERAL, STATE, MUNICIPAL AUTHORITIES,**

ACADEMICS (STATE AND FOREIGN),

EJIDOS AND NGO's REPRESENTATIVES,

**FUNCTIONS: ESTABLISHING POLICIES FOR AREA
MANAGEMENT AND ACTIVITIES REQUIRING
APPROVAL AND/OR PUBLIC CONSULTATION**



PROTECTED AREA SUPPORTERS:

THE NATURE CONSERVANCY

BIOCONSERVACIÓN, A.C.

PROFAUNA, A.C.

PRONATURANE, A.C.

GOBIERNO DE COAHUILA

INSTITUTO COAHUILENSE DE ECOLOGÍA

COMISIÓN NACIONAL DE AREAS PROTEGIDAS

GLOBAL ENVIRONMENTAL FACILITY

HARMONY

WWF

PARTICIPACIONES UANL – FCB – LI

**INVENTORIES OF WATER HABITATS: MORE
THAN 500 SPRINGS, GEOREFERENCED,
NUMBERED,
FISH FAUNA AND COMMUNITIES**



ECODIVERSITY

PARTICIPACIONES UANL – FCB – LI

ERRADICACIÓN DE ESPECIES PLAGA

Hemichromis guttatus

MOJARRA JOYA

Oreochromis spp.

TILAPIA

Cyprinus carpio

CARPA ESCAMUDA

Eichhornia crassipes

LIRIO ACUÁTICO

PENDING TASKS

Procambarus clarki

CANGREJO ROJO

Arundo sp.

CARRIZO CHINO





**MANY MORE PEOPLE HAS PARTICIPATED IN
THE PROMOTION OR SUPPORT TOWARDS THE
IDEAL OF CREATING A PROTECTED AREA FOR
CC,**

**DEDICATED TO THE SO MANY WE HAVE LOST
TRACK OF MOST, AT THE END EVERY LITTLE
BIT HELPED TO PAVE THE WAY OF SUCCESS,
SO MUCH THAT WE MAY PLACE A PLAQUE IN
THE VALLEY, :**

UNKNOWN CONSERVACIONIST

AND LET THE WORLD KNOW

AND THANK THEM ALL

A photograph of a shallow pond or wetland area. The water is a light blue-green color, reflecting the sky. Several clumps of tall, dry reeds or grasses are growing out of the water. In the foreground, there is a sandy bank with some sparse vegetation. The background shows a line of trees and more reeds.

AGRADECIMIENTOS

DR. DEAN HENDRICKSON, POR INVITARME.

SRA. SUSANA MONCADA, FACILIDADES.

BIÓL. ALBERTO CONTRERAS ARQUIETA, FOTOS.

BIÓL. ARTURO CONTRERAS ARQUIETA, FOTOS.

PERSONAL ANPFFC, APOYOS DIVERSOS.

COLEGAS UANL,

NUMEROSOS ESTUDIANTES UANL, UAAAN, UANE, etc.



FIN

THE END

FINIS

CAPRI

FINALE