

HISTORY

The ancestors of the Kwapa are believed to have migrated to the Colorado River Delta region sometime between 1,000 BC and 0 AD. Archeological evidence suggests that by 700 AD, most of the Yuman-speaking people, to which linguistic family the Kwapa belong, moved further north in the Lower Basin along the river. Around 900 AD, the river flooded an area running from the Coachella Valley in southern California to Cerro Prieto in Baja California, forming Lake Cahuilla. When the lake began to dry up, just prior to the arrival of the Spaniards, the tribes living along its shores returned to the proximity of the river and forced the Kwapa to move further south to the Delta lowlands, which were likely under water at many times before 1500.

The first European to encounter the Kwapa was Hernando de Alarcón, a member of Coronado's expedition who reached the Upper Gulf of California in August 1540 and traveled up the Colorado River in two small boats. Juan de Oñate, the first governor of New Mexico, who traveled along the eastern bank of the river in 1604-05, was the first to mention them by name, using the word "Cocapa." He estimated the population to number 5,000-6,000 souls.

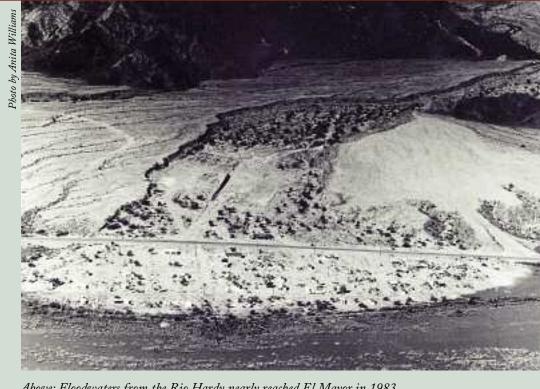
Later encounters with the Kwapa included those of Father Kino, Jesuit missionary to the Indians of the Pimeria Alta (1702), Franciscan Father Garcés (1771-76), and Lieutenant R.W.H. Hardy, who was commissioned to explore the Gulf of California for resources (1826) and eventually gave his name to the main Colorado tributary in the Delta, the Rio Hardy. Kwapa men served as guides to the steamboat captains navigating through the maze of channels up to Yuma between 1852 and 1916. By the end of the 19th century, the Delta had almost become a terra incognita once again, unoccupied and unknown to white men.

In 1888, the Mexican government conceded nearly 900,000 acres in the Delta to General Guillermo Andrade, most of these on traditional Kwapa land. In 1905, the Colorado River Land Company, a land syndicate, began constructing an irrigation system in the Mexicali Valley using imported Chinese workers. An informal census in 1910 counted on the order of 1,200 Kwapa, roughly 200 families spread between Mexicali and Yuma. Near Colonia Lerdo, a Kwapa community was dedicated

primarily to agriculture, growing corn, pumpkins, beans, melons and watermelons. In the years that followed, some families moved to the banks of the Rio Hardy while others moved to Somerton, near Yuma, AZ where the Kwapa were already established. A small community was formed in Pozas de Arvizu which, still today, is one of the three principal Kwapa communities.

In 1937, agrarian reform under President Lázaro Cárdenas transferred most of the land in the Delta, which then belonged to the Colorado River Land Company, into the hands of ejidos or agrarian communities. The Kwapa were given 5,782 acres to cultivate but lost their right to them in the following decade because they didn't tend them as written in Mexican law. The Kwapa continued raising cattle and goats and growing vegetables on land that was no longer theirs. In 1975, after years of efforts, they were given 350,000 acres in the Laguna Salada and the mountains, arid lands that cannot be cultivated.

Today, the Kwapa number only around 1,500, and most live in Somerton, AZ. The other two communities lie south of the border, along the Rio Hardy in El Mayor, Baja California, and in Pozas de Arvizu, Sonora.



Above: Floodwaters from the Rio Hardy nearly reached El Mayor in 1983. Below: 25 years later, the river, fed by agricultural return water, flows at a distance.



MAR DET

On the map the Delta was bisected by the river,





hundred green lagoons offered

speedy path to the Gulf. So

FISHING

e waters of Laguna Salada in the wet 1980s.



wapa fishing boats catch up to two tons of corvina in their nets near the mouth of the Colorado River.

temporal prohibition to allow the corvina to spawn. These fishing restrictions are in direct conflict with the Kwapa's now larger commercial practices, creating an impasse that pits traditional indigenous rights against modern environmental laws. The Kwapa claim that the government is trampling upon their traditional rights and that the timing of the fishing prohibition doesn't even make sense; the government retorts that the Kwapa didn't traditionally fish in this area of the

For centuries, the Kwapa fished in the myriad waterways and

wetlands that crisscrossed and dotted the Delta, using nets and traps

made of willow to catch fresh and brackish water fish. Starting in the

1930s, the construction of Hoover Dam and filling of Lake Mead

reduced the Colorado River flows to the Delta by more than half.

by agricultural return water, or in the valley's canals.

Fishing continued until the late 1980s when the lake dried up.

From 1964 to 1981, when Lake Powell was filling up behind newly

built Glen Canyon Dam, virtually no fresh water reached the region,

and it dried up into oblivion. By the late 1970s, only a few Kwapa were

still eking out a living along the Río Hardy, a tributary to the Colorado fed

Beginning in 1979, large amounts of water were released down the Colorado River

due to exceptionally wet El Niño winters. These waters brought back to life a portion of the

formerly defunct Delta and also filled Laguna Salada (a.k.a. Laguna Macuata), a below sea level depression

that fills with Colorado River water during very wet years, forming a lake 40 miles long. Along its shore,

small commercial fishing operations sprang up, including the first fishing cooperative. Mullet, mojarra,

big-mouthed bass, carp and shrimp were plentiful – 165 lbs of shrimp for some boats in a single night!

In the late 1980s, the Kwapa began looking for other places to fish commercially, and with the opportunities

whatever freshwater is present. Fishing camps were established in areas known as La Bocana and El Zanjón.

order to protect it and the totoaba, the Mexican government created the Biosphere Reserve of the Upper Gulf

of California and Colorado River Delta, creating a no-take area in the Reserve's nuclear zone and a imposing

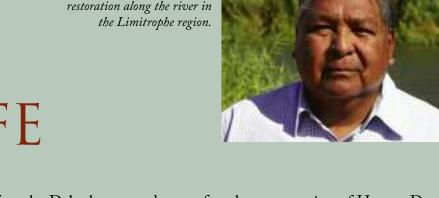
Floods in 1992-93 brought plentiful corvina with the tides, a species which had been presumed extinct. In

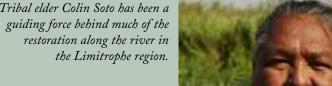
drying up elsewhere, turned their attention to the southernmost portions of the river where seawater mixes with

The vast majority of corvina fishermen are based in El Golfo de Santa Clara and the Kwapa catch represents only an estimated 5-10% of the total. A solution that protects both ecologically sensitive areas and traditional rights should not be impossible to find if the Kwapa and the Reserve enter into a real dialogue.

Delta, that, in any case, the law must apply equally to all citizens, and that anyone is welcome to fish in the nuclear zone if it's for their personal















Doña Inocencia, a Kwapa elder and accomplished craftswoman, is one of the pillars of the community She and her daughter Antonia turned to caring for the museum in

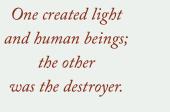
dried up in the 1990s.

CULTURAL EXPRESSIONS

The Kwapa traditionally wore willow bark skirts, body and face paint, and bead jewelry known as "chaquira," originally made of earth and glass and now made of colorful plastic, to form intricate necklaces, bracelets, earrings and large pectorals, the latter of which were used mainly for ceremonies. Working with Kwapa elders, anthropologist Anita Williams helped to revive the tradition in the early 1970s and now all three Kwapa communities sell chaquira pieces at fairs and festivals on both sides of

the border. The traditional colors were blue, white and red, but now artisans use a wide variety of colors. In recent years, women in El Mayor have begun integrating locally available materials, such as willow, arrowweed and salt cedar into their jewelry.

Using gourds, willow sticks and seeds, the Kwapa make rattles that are used in traditional chants and dances performed at cultural events and at funerals. Chants can last hours and hours, often going through the night.



traditional chants

Creation

In the beginning

there were two beings

who emerged

from the depths

of the earth.

My Land This land is mine,

it is our land.

The land on the river banks was mine a long time ago, when Indians were Indians, when Indians came and went as they pleased.

> The Rattle Sings The rattle sings,

In winter and in summer, it sings,

it sings.

To the coyote in the moon, it sings,

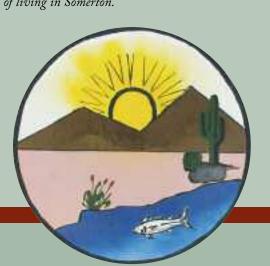
it sings. Transcribed by Yolanda Sánchez Ogás.



Gourds dry in front of a simple dwelling in Pozas de Arvizu. Made into rattles, they accompany



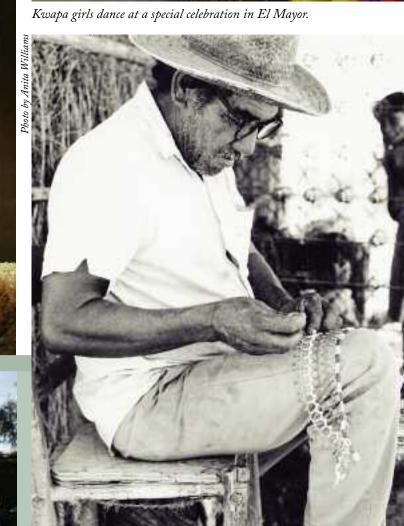
The Cocopah Casino has helped to raise the standard of living in Somerton.





A young dancer wears a traditional willow bark skirt and a ceremonial chaquira





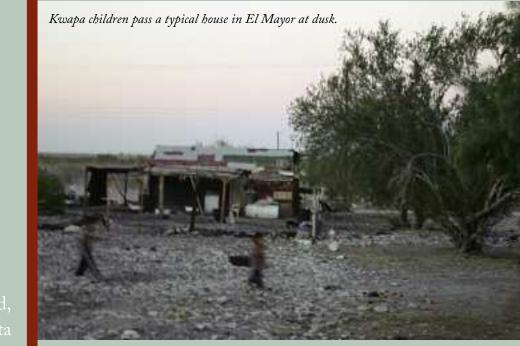
Ancient Kwapa artifacts adorn a display at the University Museum in Mexicali.

ENCUENTRO









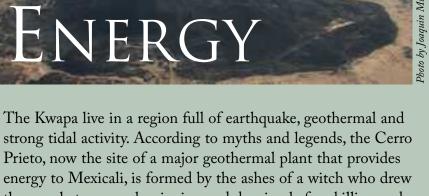
Before the Delta began to dry up after the construction of Hoover Dam in the 1930s and especially after the building of Glen Canyon Dam in the 1960s, the semi-nomadic Kwapa lived very close to the land – and to the water. In those days, there were plentiful beavers, foxes, raccoons, coyotes and big cats, such as bobcats, jaguars and pumas. The elders speak of gigantic flocks of green and blue-winged teals that nearly obscured the skies during the spring and fall migrations. Families raised goats and even cattle, grew corn, pumpkins and beans on small plots, or harvested wild wheat near the river. Anywhere one put in a line or a net, it was easy to catch fish. While some Kwapa had already migrated to Mexicali, many maintained a traditional lifestyle.

But times have changed, and the Kwapa have had to adapt to modern life in many ways. In Somerton and Pozas de Arvizu, much of the land owned by the tribe is leased to other farmers. The Cocopah casino in Somerton brings in much needed revenue and employs some 40 tribal members. Making a living in El Mayor, where the official unemployment rate stands at 37%, is not easy. During the spring, the Kwapa fish corvina in the Upper Gulf. The rest of the year, they will look for

seasonal work in the tourist camps along the Rio Hardy, in the wheat, cotton, green

onion and other fields of the Mexicali Valley, and in the maquiladoras on the outskirts of Mexicali, 35 miles to the north. Some women have perfected the craft of chaquira and sell their intricate bead jewelry at the museum in El Mayor, through stores in Mexicali, and at area fairs. Most families in El Mayor live on less than \$200 per month.

Border security is an issue in the Limitrophe region near Somerton. The Kwapa have cleared more than 60 acres along the river congested with dense thickets of vegetation, facilitating the work of the Border Patrol and Cocopah Police in protecting the border. Riparian restoration is taking place on another 75 acres where invasive plant species, such as salt cedar, are being replaced by native willows and cottonwoods, a pond and walking paths. In Mexico, the Kwapa have been active participants in restoration efforts along the Rio Hardy as well as the mainstem of the Colorado River.



strong tidal activity. According to myths and legends, the Cerro Prieto, now the site of a major geothermal plant that provides energy to Mexicali, is formed by the ashes of a witch who drew the people to a cave by singing and dancing before killing and eating them. A courageous young man, one of the last remaining members of the tribe, shot her with an arrow and her body was then cremated, freeing an owl who took off flying.

When the Colorado River used to flow freely into the Gulf of California, the collision of the outgoing river and the incoming sea water during high tides would create a wall of water almost 20 feet high. The tidal bore, known as "El Burro," migrated with the tides and caused havoc in its wake. In 1922, not long after Aldo Leopold visited the region, El Burro killed 85 people when it rolled the 36-ton steamer Topolobampo. According to longtime residents of the region, its rumble could be heard for miles around until the early 1960s.

Today, the tidal bore has disappeared and the river itself only reaches the sea in the wettest of years.







An ancient Kwapa trail winds its way up into

by name - "Cucapa", as they are known in Mexico.

The geothermal plant near Cerro Prieto supplies much of the energy for Mexicali. According to legend,

the mountain was formed by the ashes of a witch that

devoured almost all of the Kwapa people.

the Sierra El Mayor.





so did we.

This guide was created by the Kwapa mapping team and the Sonoran Institute and made possible through the generous support of The Christensen Fund. We wish to thank members of the mapping team for their invaluable contributions: Colin Soto Somerton, Arizona; Nicolás Wilson, Alonso Pesado and Ángel Pesado of Pozas de Arvizu, Sonora; Inocencia Gonzales Saiz and Antonia Torres Gonzales of El Mayor, Baja California. The following also worked with the team: Daniel Otero Palafox, Efrén Vera Rocha, and Rodolfo Payán Ortega of INEGI (Instituto Nacional de Estadística y Geografía); historian Yolanda Sánchez Ogás; and UABC Museum researcher Alberto Tapia Landeros. Our heartfelt thanks to Bruce Gordon, Sounder and President of EcoFlight, who allowed us to see this magnificent region from a completely different angle.

lthough much smaller today, tidal bores still occasionally

run up from the Gulf with the rising tide.

- Joaquin Murrieta-Saldivar and Mark Lellouch