



# Tasting History

# The Kino Heritage Fruit Trees Project

September 14, 2012

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**NATIONAL AUDUBON  
SOCIETY**

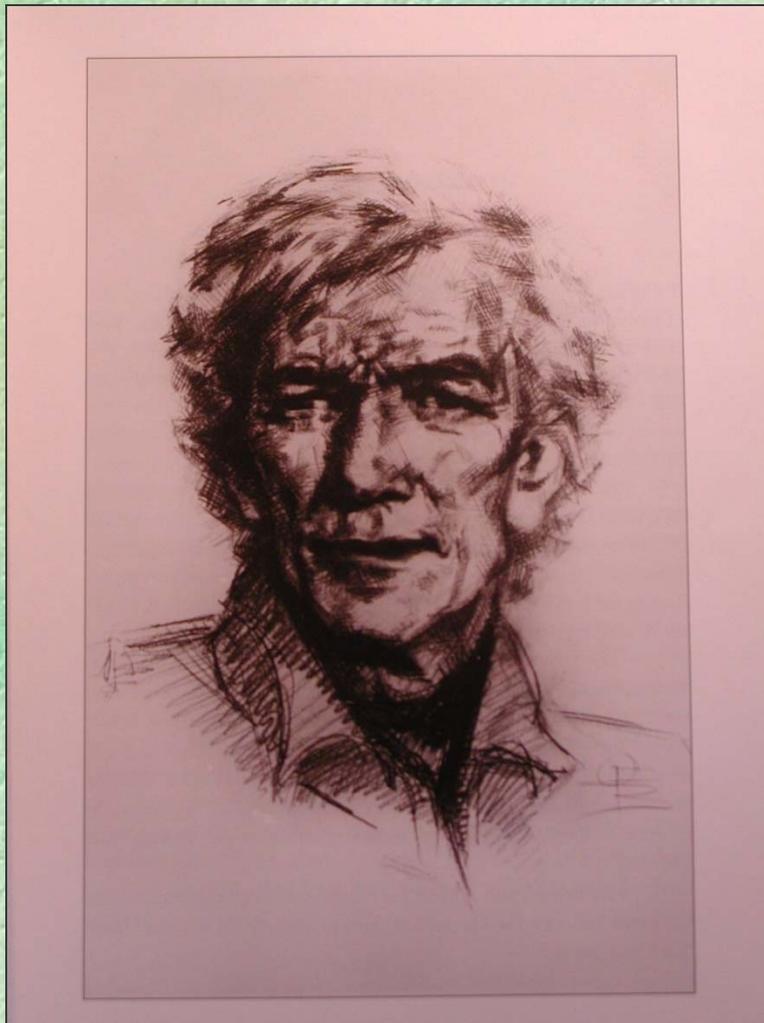
The Southwest  
Borderlands  
Food and Water  
Security  
Program,  
Fellowship

**National Park Service**

National Park Service  
U.S. Department of the Interior



# Padre Eusebio Francisco Kino



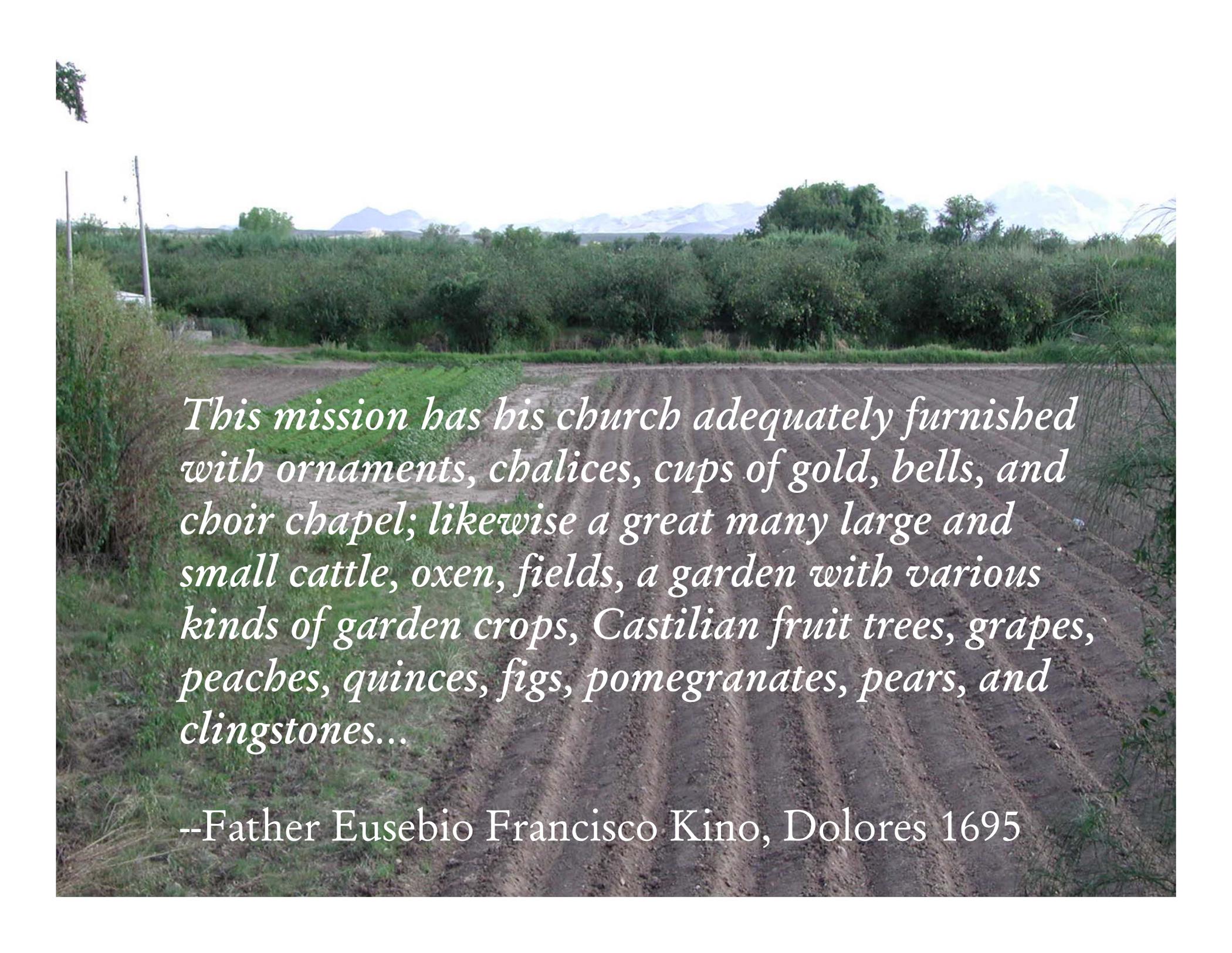
# The Sonoran Desert Region



# Historical Context

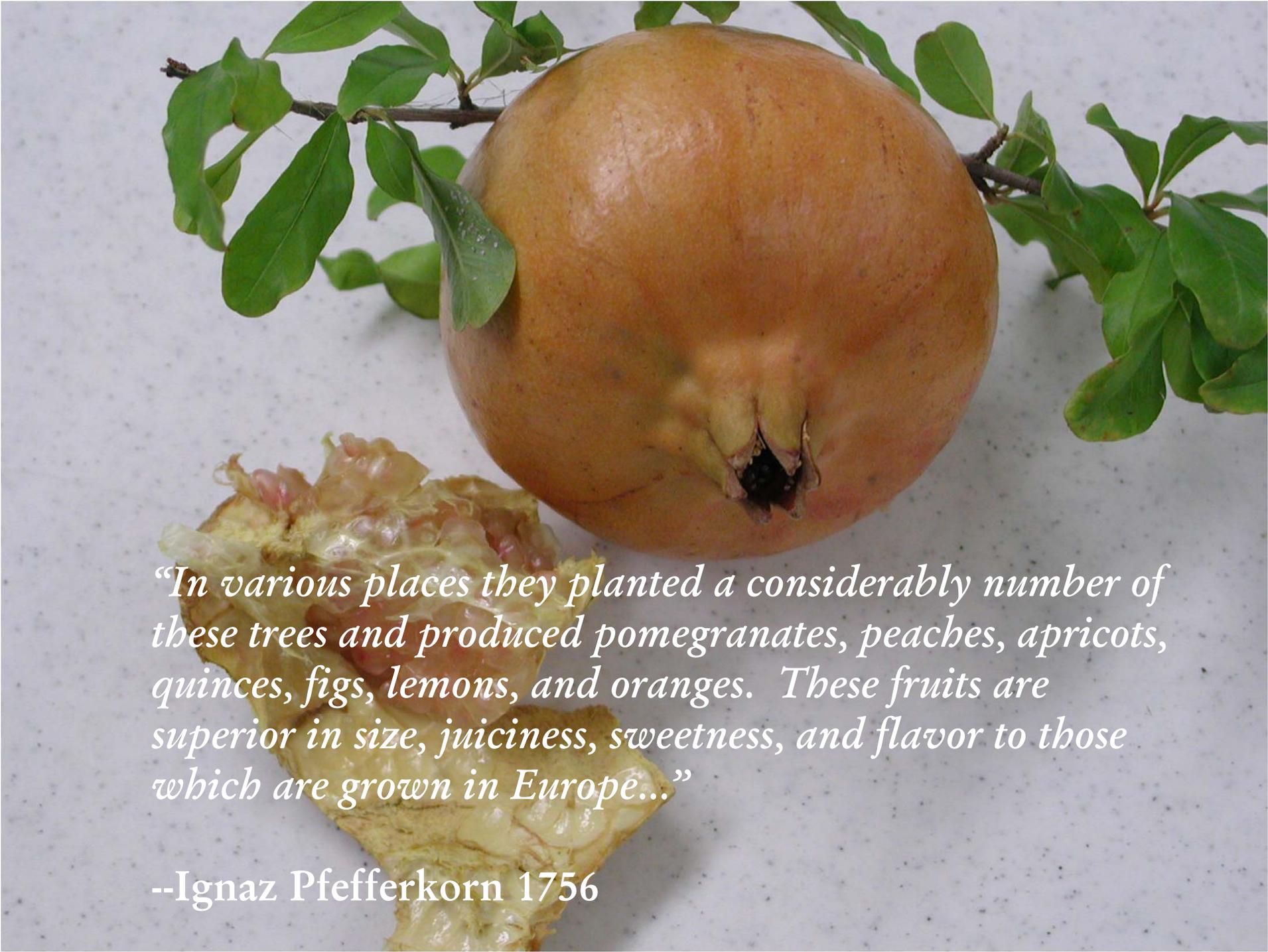
- ✿ 1521- Conquest of Mexico by Hernan Cortez.
- ✿ 1530 – Alvar Nuñez Cabeza de Vaca
- ✿ 1539 - Fray Marcos de Niza
- ✿ 1540 - Francisco de Coronado
- ✿ **1680 - Father Eusebio Francisco Kino**
- ✿ 1726 – Juan Bautista de Anza
- ✿ 1821 – Mexican Independence
- ✿ 1848 – Treaty of Guadalupe Hidalgo ( “US” to Gila River )
- ✿ 1854 – Gadsden Purchase ( Current border )



A photograph of a dirt road in a rural landscape. The road is the central focus, winding through a field of green bushes and trees. In the background, there are mountains under a clear sky. The text is overlaid on the lower half of the image.

*This mission has his church adequately furnished with ornaments, chalices, cups of gold, bells, and choir chapel; likewise a great many large and small cattle, oxen, fields, a garden with various kinds of garden crops, Castilian fruit trees, grapes, peaches, quinces, figs, pomegranates, pears, and clingstones...*

--Father Eusebio Francisco Kino, Dolores 1695



*“In various places they planted a considerably number of these trees and produced pomegranates, peaches, apricots, quinces, figs, lemons, and oranges. These fruits are superior in size, juiciness, sweetness, and flavor to those which are grown in Europe...”*

*--Ignaz Pfefferkorn 1756*



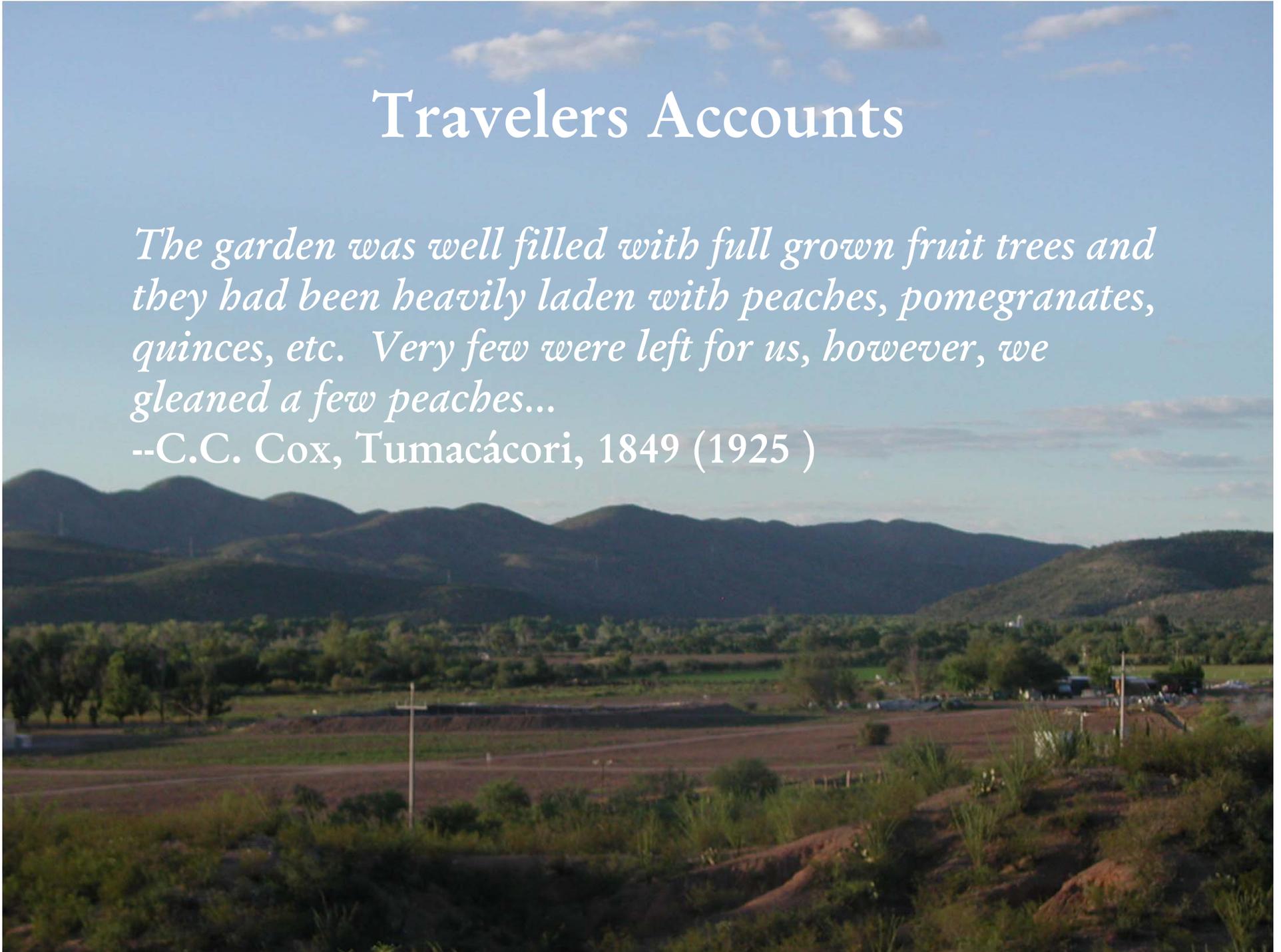
*“The figs are indubitably better than those  
of Italy and Spain and taste as if they had  
been baked in sugar.”*

--Ignaz Pfefferkorn 1756

# Travelers Accounts

*The garden was well filled with full grown fruit trees and they had been heavily laden with peaches, pomegranates, quinces, etc. Very few were left for us, however, we gleaned a few peaches...*

*--C.C. Cox, Tumacácori, 1849 (1925 )*



## Selected Cultivars from the Mission Era

English Name	Spanish Name	Scientific Name
Apple	Manzano	<i>Malus sylvestris</i>
Apricot	Albaricoque, Chabacano	<i>Prunus armeniaca</i>
Date	Palma datilera	<i>Phoenix dactylifera</i>
Fig	Higuera	<i>Ficus carica</i>
Grape	Parra, Uva	<i>Vitis vinifera</i> , <i>V. labrusca</i> (A)
Olive	Olivo, Aceituna	<i>Olea europaea</i>
Peach	Durazno	<i>Prunus persica</i>
Pear	Pera	<i>Pyrus communis</i>
Plums	Ciruela	<i>Prunus domestica</i> , <i>P. salicina</i>
Pomegranate	Granada	<i>Punica granatum</i>
Quince	Membrillo	<i>Cydonia oblonga</i>
Lima	Lima	<i>Citrus limettioides</i>
Orange	Naranja	<i>Citrus sinensis</i>



D



**San Rafael Valley**



# Sosa-Carrillo House backyard





Doña Adelina Aros  
backyard



# Desert Survivors Nursery







La Huerta de Tumacácori



## La Huerta de Tumacácori, March 2007







# Mission Garden Site





# Final sketch for planting 100 trees this coming Spring 2012



Mission Garden - Phase 1  
Spanish Colonial Orchard + Vineyard  
draft 3-7-11









PAUL MIROCHA ©2009

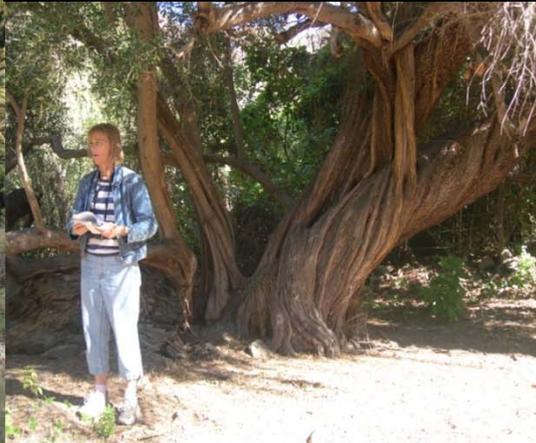


**Mission San Francisco Xavier Vigge-Biaundo, BCS**



250-300 year-old olive tree, San Javier, Baja California

# Comondú, BCS







San Ignacio,  
Sonora



Cajeta de Membrillo



Street vendors in Magdalena, Sonora

# Casimiro's Orchard San Ignacio, Sonora

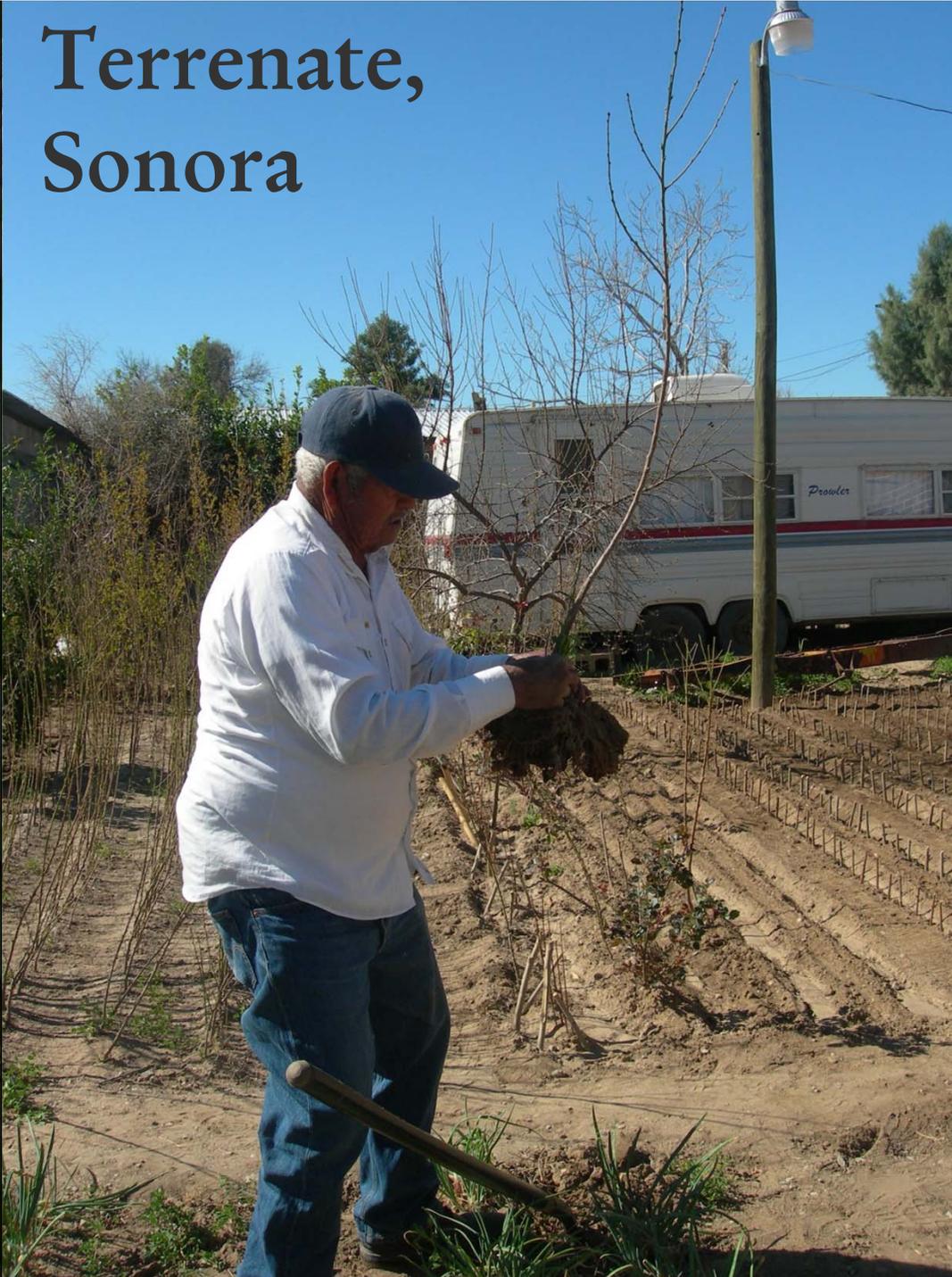








# Terrenate, Sonora







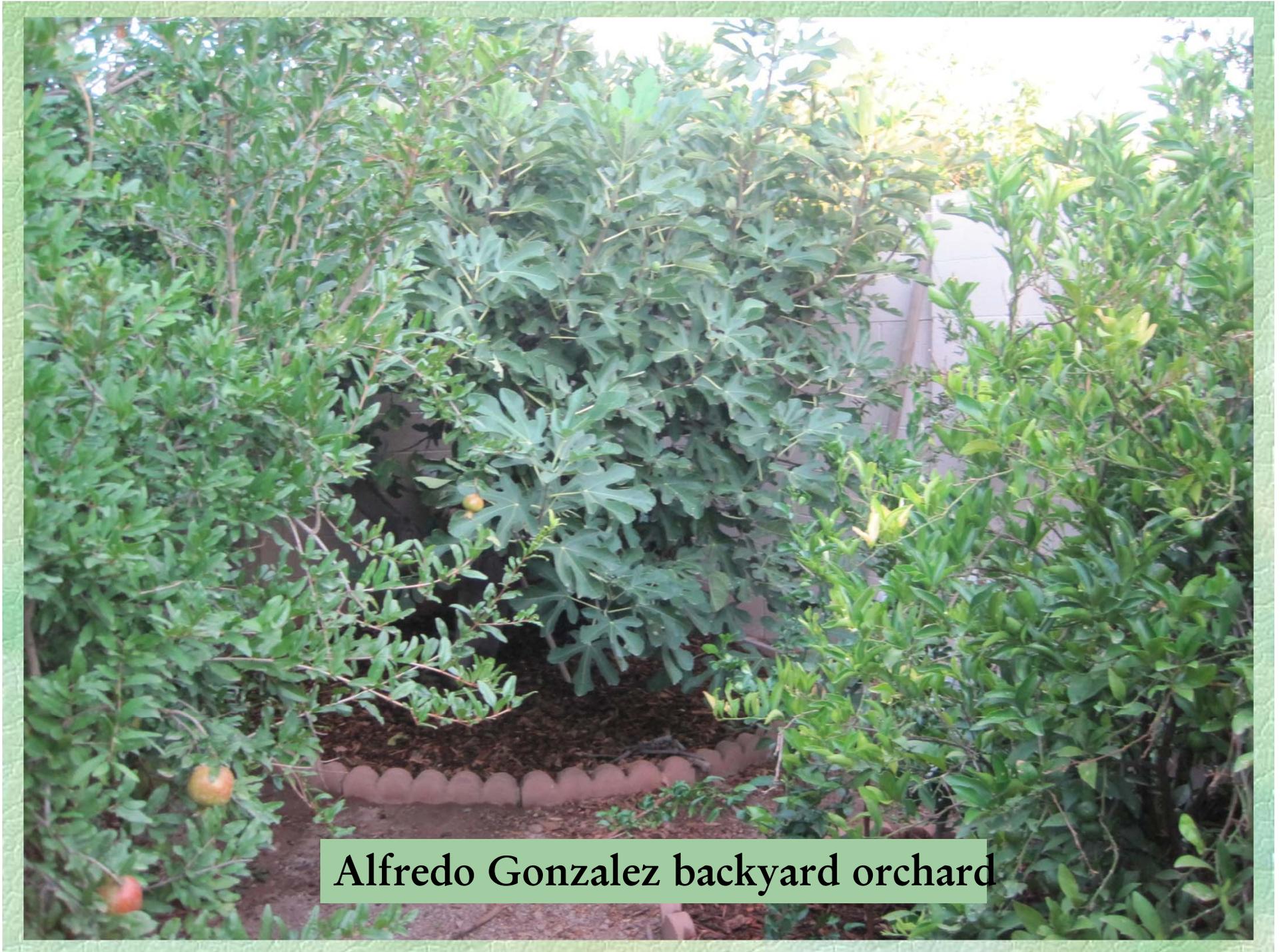


**Huerto de la Cora, Andalucía, Spain**





Cucurpe, Sonora



**Alfredo Gonzalez backyard orchard**

## My backyard orchard











And the harvest will  
continue...