

## LIVINGAT

BECOMING A KNOWER



CHRISTINE A. HASTORF COMIC WRITTEN & ILLUSTRATED BY JOHN G. SWOGGER



## LIFE AND DEATH AT A BOLIVIAN MIDDLE FORMATIVE SETTLEMENT 1000-500 BCE

Ву

Christine A. Hastorf
Comic written and illustrated by
John G. Swogger

Based on research completed at the site of Chiripa, Bolivia by the Taraco Archaeological Project undertaken between 1992 and 2018.

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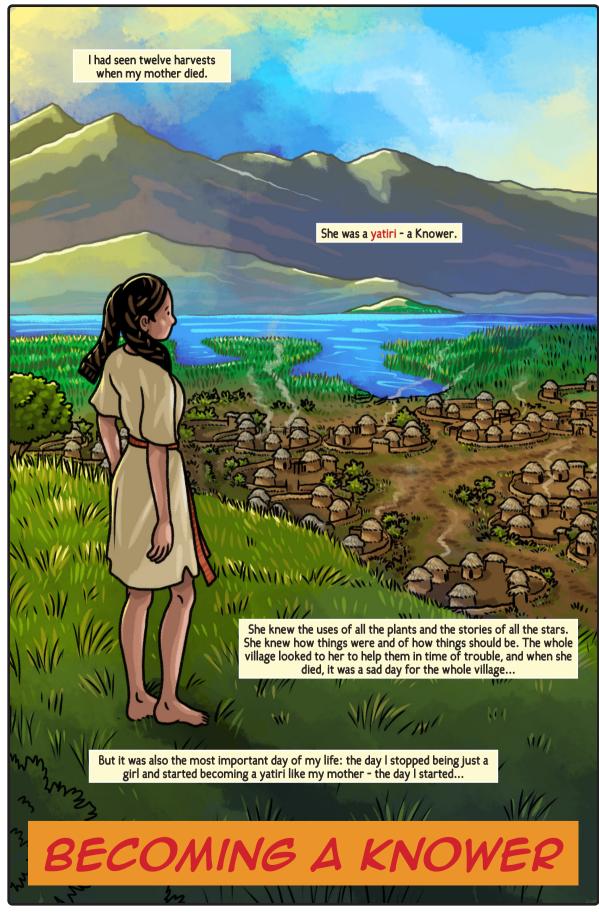
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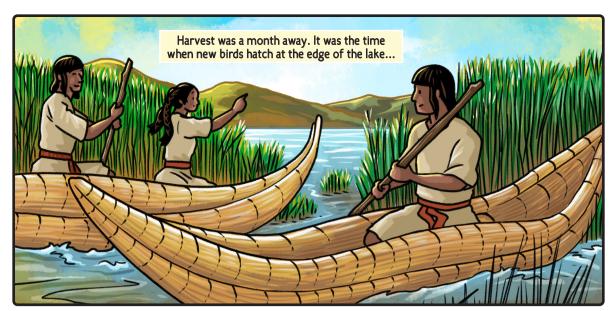


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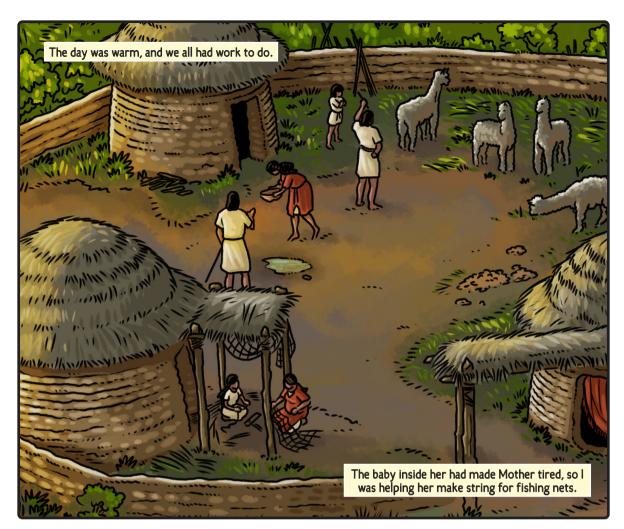


















































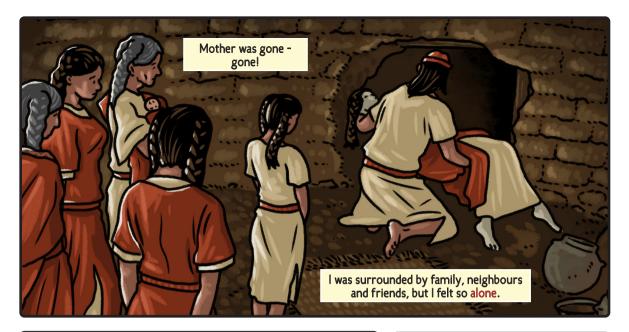












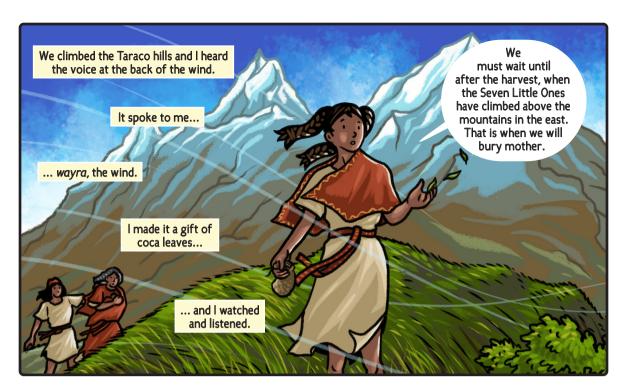




















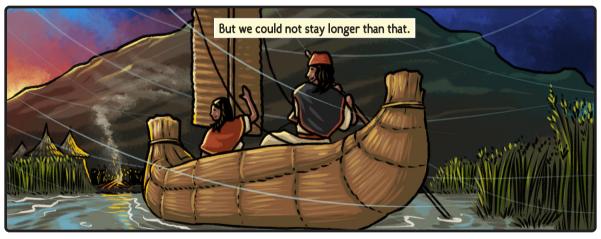






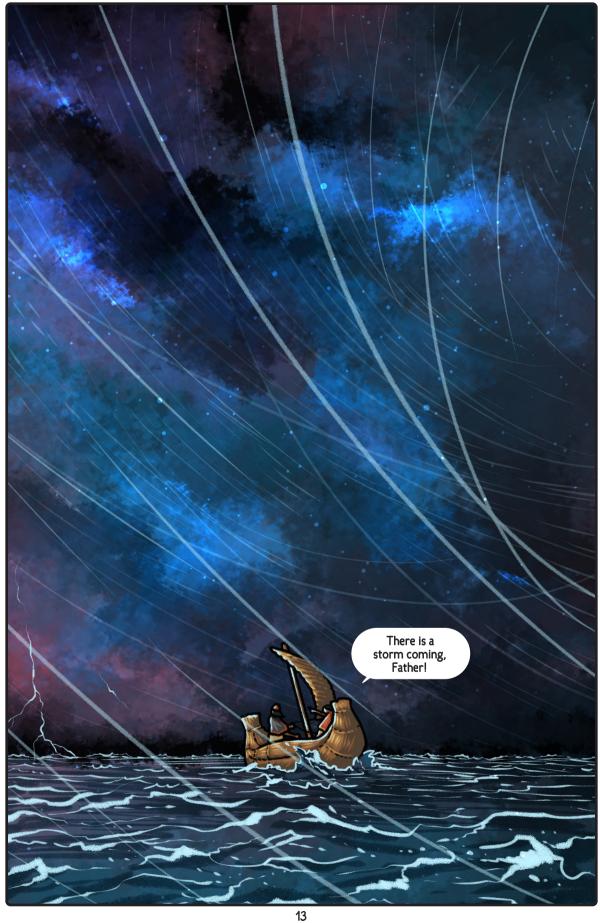






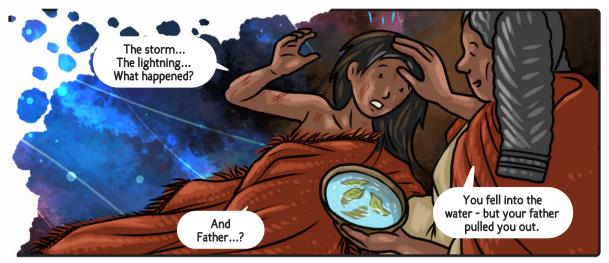




















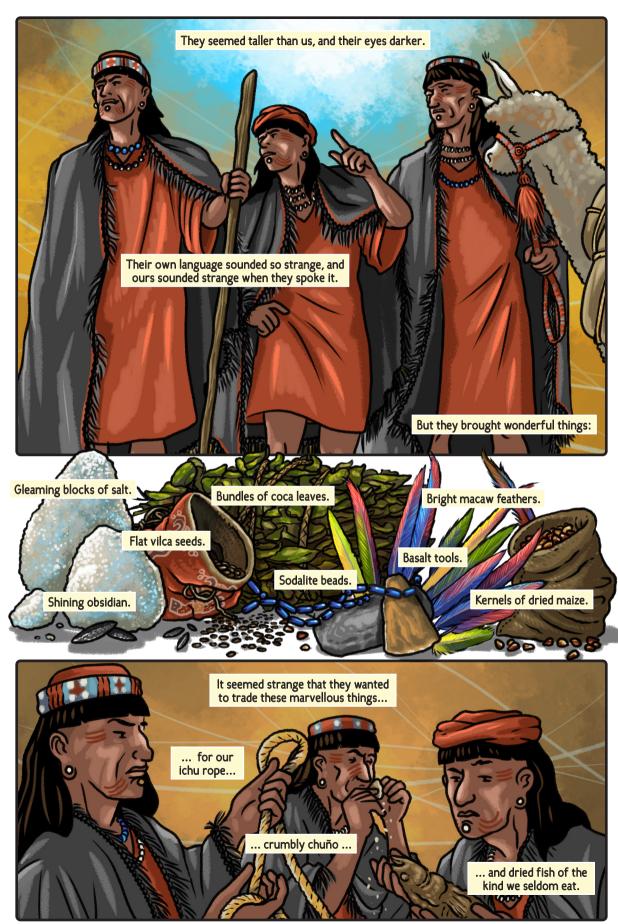








































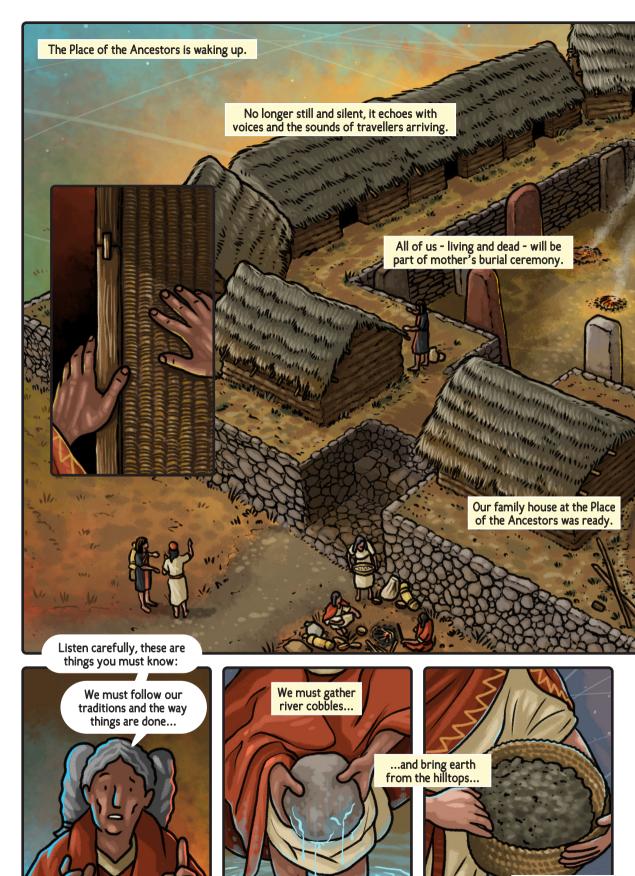






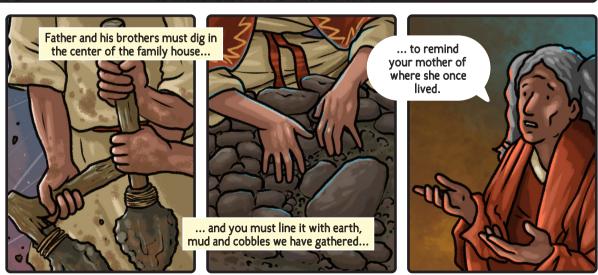






... and mud from the shores of the lake.













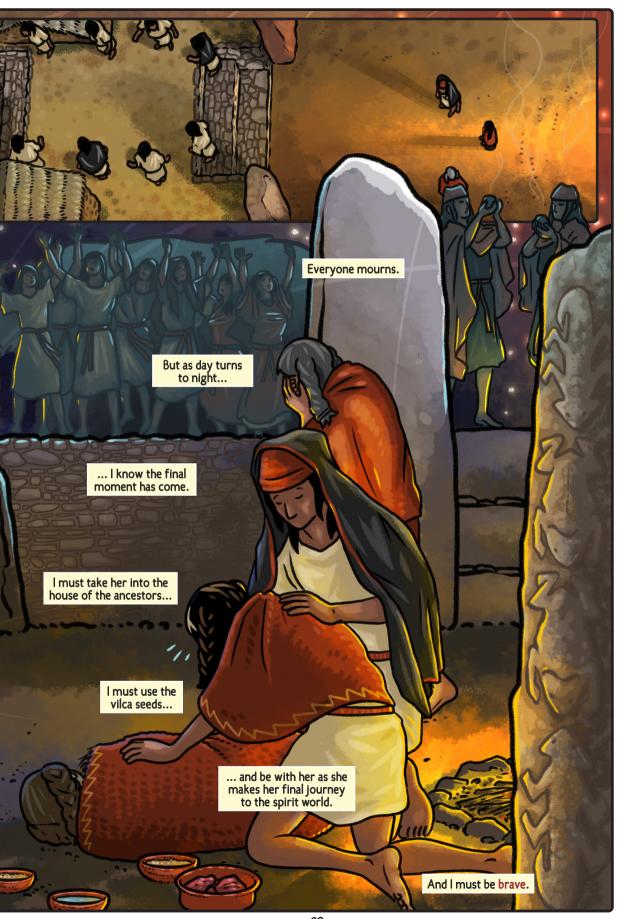




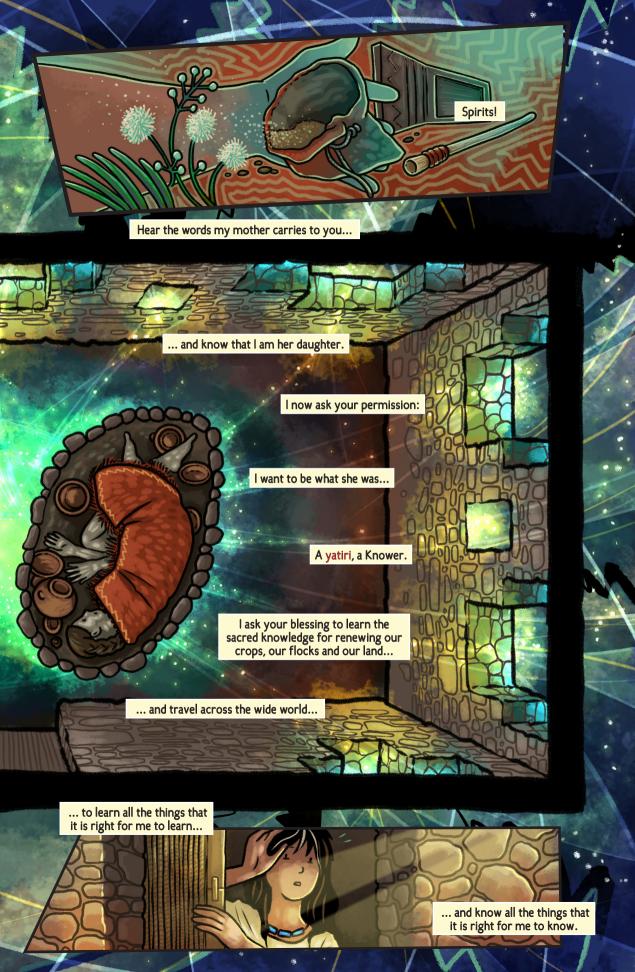






















THE END OF THIS STORY, BUT PERHAPS THE BEGINNING OF ANOTHER ...



This book tells just one of the possible stories that might have taken place at the settlement of Chiripa, located on the northern shores of the Taraco Peninsula, in the southern part of Lake Titicaca, Bolivia. It is now the home of the community of Chiripa, Ingavi Province in the altiplano-lake shore zone, which used to have the name Ocorani on historic documents, and perhaps even earlier. This location has been occupied by people for over 3500 years, since about 1600 BCE. While the original community was small, probably about 2 ha. in size, it is one of the earliest Titicaca settlements that has evidence for formalized ritual space and elaborate decoration.

Excavations on the mound by Bennett in the 1930's, Kidder in the 1950's, Browman and Cordero in the 1970's, and Portugal in the 1980's have shown that there was a small mound built and rebuilt over more than 500 years that looked at the lake on a culturally formed terrace. The temple has four major levels of construction that we think spans 1200 BCE – 600 BCE, during the Formative Period. The first action was creating a large walled enclosure where gatherings could have occurred. The next three constructions are from what we call the Middle Formative Phase of the region, stone and mud structures built around the inner plaza, which were then filled in, covered in dirt and more regular structures were again built around the interior plaza. Finally, those too were filled in a platform encircled the plaza. This means that the community was a substantial gathering location with the early evidence of permanent structures and people residing in the area around the temple mound, during and after the onset of agriculture and domestication of local food plants, potatoes and quinoa. We think that this was a time of local, agricultural production and pastoralist development, including small-scale raised fields on the pampa and terraced agriculture on the hillsides, with rituals occurring in a series of places, in association with a codified symbolic system.

It is during this Chiripa phase that we have evidence for beautiful, evocative stone carvings with wiggly snakes, frogs, and lizards, swirling over large stone stelae, often associated with human visages across the southern Titicaca Basin (called Pa ajano or Yayamama imagery). Chiripa has five of these stelae that have been uncovered in the mound and around the community. These images seem to link to water and fertility, suggesting a water focused religion that probably developed at places like Chiripa throughout the basin and beyond. These images are still in the Altiplano mind today in interests, stories and weavings. There is evidence for inter-regional trade of food crops, semi-precious stones, tool making stones and metal from both the north and south of the lake. Chiripa was clearly a center for both trade and inter-community gatherings, seen in the large ground level plaza in front of the mound.

Before TAP's excavations that began in 1992, all previous excavations had occurred on the mound. The most extensive have been in the last levels of the mound, with exposures into the lower phases, especially by Bennett and Kidder. The upper structure walls were sturdily built of river cobbles in clay that were then covered with mud plaster. The excavators have noted colored plaster on some of them. Some walls are double, with small chambers created between the inner room and the outer, visible wall, inluding small niches, visible inside the interior room. There is a circle of these structures on the mound around the lower plaza. From the archaeological research on the mound, we believe these small chambers were there for storage of ceremonial items, food for ceremonies and perhaps wrapped mummy bundles (fardos).

## Suggestions for further reading:

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1999 Early Settlement at Chiripa Bolivia. Contributions of the University of California Archaeological Research Facility 57. Archaeological Research Facility, Berkeley.



With permission from the Ministry of Culture, Bolivia, most of TAP's excavations at the site have been outside of the mound, to the north and south. These excavations have demonstrated that this settlement was occupied steadily before, during, and after these mound constructions. There is evidence for Formative domestic residence around the mound, including oval structures, floors, pits, and burials. Burials were placed underneath a plastered gathering area on a terrace below the mound. TAP has uncovered a series of Formative period semi-sunken plazas to the south and north of the mound that would have been visited and tended at the same time as the mound. They are not all built at the same time but all date to the Formative phases. These were trapezoidal, sunken spaces where group activities and ceremonies occurred, connecting to the night sky. To date, we have identified four of these sunken structures, but there could be more. The number of these enclosures suggest that they were associated with families or communities, such that groups or families had their own place to gather both at these sunken spaces but also a smaller portion of the group could enter the structures on the mound to commune for important ceremonies. These two structure types suggest to us that the mountains and the earth were both very important landscape entities that people wanted to communicate with often.

By the time the mound's upper building's were in use, around 700 BCE, the settlement was closer to 7 ha in size, with residences spreading out along the same elevation as the sunken plazas. There were also nearby communities just 1 km to the east and west. It is unclear how far down the slope people resided at Chiripa. For much of the Formative time, the lake was farther away from the settlement then it is today, providing more flat pampa land for farming and grazing the camelids that were kept by the residents.

While these Formative ceremonial areas stopped being rebuilt once the ceremonial center of Tiwanaku began to be influential across the southern basin around 200 CE, people continued to live at the settlement. They turned to neighboring settlements for the larger gatherings on the peninsula, but eventually, by 500 CE, everyone ended up going to Tiwanaku for large ceremonies.

People have continued to live, farm, herd and fish in this place since the earliest evidence of people settling in this place, around 1600 BCE. TAP continues to complete research at the site, with a focus on the early settlement.



Taraco Archaeological Project
Proyecto Arqueologico Taraco
University of California, Berkeley



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2003. Ancient Titicaca. The evolution of complex society in southern Peru and northern Bolivia. University of California Press. Berkeley.



## How do we know about our world?

For our ancestors, three thousand years ago, there was nothing more important than knowing about life and death, and about caring for all that was around them.

K'ayra's mother is a yatiri - a woman who knows about the world. When she dies unexpectedly, K'ayra is faced with the difficult task of leading her family and her community through a time of mourning and upheaval.

With the help of friends, relatives and the spirits, K'ayra must find a way to turn a time of darkness and danger into a time of hope and new beginnings.



This story is based on what archaeologists have learned about the ancient people who lived at the site of Chiripa, on the edge of Lake Titicaca in present-day Bolivia. Excavation and research have given us a unique understanding of their houses, everyday pots and tools, community spaces and burials - and the lives of the people that called Chiripa home three thousand years ago.

The story of K'ayra as she becomes a Knower helps tell the story of this ancient village. Her story shows us how the search for knowledge - the desire to understand the world - is something that we share with all of our ancient ancestors.

