



Conservation Volunteers International Program

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A Non-Profit 501c3 Tax Exempt Organization CST 2089890-40

PROJECT REPORT MACHU PICCHU SANCTUARY VOLUNTEER EXPEDITION June 10 – 19, 2013

Executive Summary

Conservation Volunteers International Program (Conservation VIP) organized and led a volunteer expedition to Machu Picchu Sanctuary, June 10 to June 19, 2013, in collaboration with Peru's Ministry of Culture, and the Ministry of Environment (National Service for Protected Area Management, SERNANP). The project was authorized by Anthropologist Dr. David Ugarte Vega Centeno, Regional Director, Ministry of Culture – Cusco, and by Biologist Dra. Ada Castillo Ordinola, Director of the Santuario de Machupicchu for SERNANP. The projects were discussed with Anthropologist Dr. Fernando Astete, Director of the Historical Sanctuary of Machupicchu.



Volunteers and Rangers at Chachabamba Archaeological Site

Ten volunteers, including the two trip leaders, John Hollinrake, Executive Director of Conservation VIP, and Dr. William Sapp III, Conservation VIP Board Member and Archaeologist, licensed in Peru, and local guide Santiago Carrasco Bellota, performed a variety of projects:

1. Removed moss and plants from 110 sq. meters of rock walls, windows, and wall niches, within the Chachabamba archeological site at Km. 104 under the direct supervision of the Ministry of Culture local staff. This work was performed for two days, June 14 and June 15, 2013

2. Removed 400 sq. meters of invasive weeds, trees and shrubs, from the periphery of the Native Plant Nursery operated by SERNANP adjacent to the Chachabamba ruins. This work was performed on one day, June 14, 2013

3. Removed invasive weeds and shrubs, cleaned and swept 100 meters of trail within the Orchid Sanctuary which is managed by SERNANP and volunteers from the Municipality of Machu Picchu Pueblo.



Volunteers cleaning weeds at Native Plant Nursery, Chachabamba

In total, volunteers donated 200 hours of time working at the Chachabamba archaeological site, the Native Plant Nursery, and the Orchid Sanctuary. In addition, volunteers donated approximately U.S.\$120 in used equipment including safety goggles, knee pads, and gloves.

Written comments were received from Guardaparque SHM Javier Isaac Huayllapuma Rodriguez, and Controller Jhon Cesar Fayfán Tito. Their comments are attached as ANNEX C. All spoke favorably of the expedition and the positive effect of the project upon the cultural and natural resources, visitor safety, economic development in the community, and international bilateral relations. The Ministry of Culture and SERNANP representatives invited Conservation VIP volunteers to return to the Machu Picchu Sanctuary for additional volunteer opportunities.

Trip leaders will provide this report to Biologist Ada Castillo Ordinola for SERNANP; Anthropologist David Ugarte Vega Centeno, Ministry of Culture in Cusco; and Anthropologist Fernando Astete, Archaeologist for the Machu Picchu Sanctuary.

Discussions were conducted with SERNANP and Ministry of Culture staff regarding the volunteers' activities, and future projects.

Detailed Trip Report

On June 12, 2013, volunteers traveled from Cusco by bus to Ollantaytambo, then by train to Machu Picchu Pueblo (Aguas Calientes). On June 13, 2013, the volunteers received a welcome from SERNANP Park Ranger Leonarda Quino Rodriguez, and staff at the Machu Picchu Pueblo office. An Inventory of tools that have been donated by Conservation VIP was

conducted. All of the tools were counted, and the list was determined to be correct. It was decided that the volunteers would assist the SERNANP staff at Chachabamba by removing weeds and shrubs around the periphery of the Native Plant Nursery on June 14, 2013.



Volunteer working in Orchid Garden in Machu Picchu Pueblo

Chachabamba Inca Site Volunteer Project Description.

On June 14, 2013, the volunteers traveled at 0800 hrs by Inka Rail from Machu Picchu Pueblo to Km 104. The Ministry of Culture requested the assistance of the volunteers in removing moss and plant material from the walls, pillars, windows, niches, and fountains of the Inca site at Chachabamba.

Upon arrival at Chachabamba, the volunteers received an orientation from Ministry of Culture and SERNANP staff. It was decided that the volunteers would work one half of the day with Ministry of Culture staff at the Chachabamba archaeological site, and one half of the day at the Native Plant Nursery with SERNANP staff.

Volunteers began cleaning the stone walls and pillars at the Chachabamba archaeological site and were supervised by Ministry of Culture staff and Conservation VIP Archaeologist Dr. William Sapp III. Using only nylon brushes and wooden sticks, the volunteers began removing vegetation, moss, and invasive plant species.

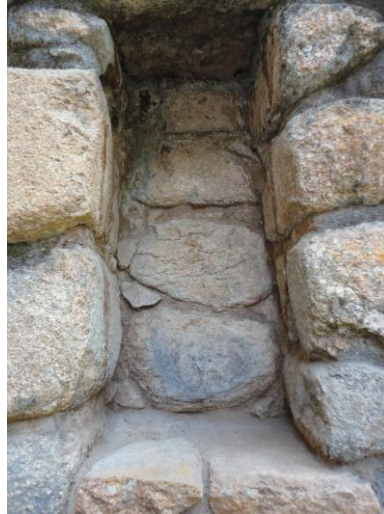
After lunch, the volunteers began removing weeds, shrubs, trees, and vines surrounding the SERNANP Native Plant Nursery using rakes, shovels, machetes, hand saws, pruners, and pitchforks. This work continued until all of the south side of the nursery was cleared, and then an area of weeds was cleared on the north side of the Nursery. This work continued until 1700 hrs, at which time the volunteers prepared to leave to take the train back to Machu Picchu Pueblo. It was estimated that approximately 400 square meters of weeds, shrubs, and trees were removed from the periphery of the Native Plant Nursery.

On June 15, 2013 the volunteers traveled at 0800 hrs by Inka Rail from Machu Picchu Pueblo to Km104. Volunteers worked all day cleaning the stone walls and pillars at the Chachabamba archaeological site and were supervised again by Ministry of Culture staff and Conservation

VIP Archaeologist Dr. William Sapp III. Using only nylon brushes and wooden sticks, the volunteers removed vegetation, moss, and invasive plant species. It was estimated that a total of 110 square meters of walls and pillars within the Chachabamba archaeological site were cleaned by the volunteers.



Volunteers removing moss and plant material from walls, mortar, and pillars at Chachabamba archaeological site.



Before and after example of removal of moss from niche in Chachabamba.

Orchid Garden

On Jun 17, 2013, the Volunteers worked within the rare orchid area of the sanctuary with SERNANP staff and local volunteers from the Municipality of Machu Picchu Pueblo. Approximately 100 meters of the rock steps and three resting/seating areas were cleaned of loose soil debris, vegetation, and moss to improve safety. Vegetation and invasive plant species within the trail prism were cut back or removed along a 100 meter length of the trail to improve safety for hikers, and enable the orchids to thrive.

Visit to Machu Picchu Sacred City

Volunteers visited the Machu Picchu Sacred City on June 13 and June 16, 2013. Admission to the Sacred City was paid by Conservation VIP. During the two visits to the Sacred City, the volunteers received extensive lectures by Conservation VIP Archaeologist Dr. William Sapp III and local guide Santiago Carrasco Bellota about the Inca culture, and preservation issues related to increased visitation. The volunteers visited the Sun Gate, the Inca Bridge, Huayna Picchu, and all of the Sacred City. At the Sun Gate, the volunteers were able to see the Inca Trail system and the orientation of Chachabamba with the Sun Gate.



Volunteers visiting Machu Picchu for educational background information to prepare for work at Chachabamba.

Prior to traveling to Machu Picchu, the volunteers visited the Machu Picchu Museum In Cusco on June 11, 2013. At the Musuem, the volunteers were provided a private tour and lecture by Dr. Jean-Jacques Decoster, Director of the Machu Picchu Museum. During the lecture, the history of the struggle to return the artifacts collected by Hiram Bingham, and kept at Yale University was discussed. This provided an important historical framework for the volunteers to better understand the relationship between Government of Peru and Yale University.



Dr. William Sapp III and Santiago Carrasco Bellota

Acknowledgments

Conservation Volunteers International Program acknowledges and thanks the Ministry of Culture, the Ministry of Environment (National Service for Protected Area Management, SERNANP), and the community of Machu Picchu Pueblo for the privilege of volunteering in Peru.

We also thank Sr. Sixto Miranda, CONSETTUR Machupicchu, for assistance with bus tickets to Machu Picchu.

Many thanks to Dr. Jean-Jacques Decoster, Director of the Machu Picchu Museum, Cusco for his generous time and enthusiasm.

We also thank the staff of Inka Rail for arranging to stop at Km 104 to enable our volunteers to travel to the Chachabamba archaeological site to perform the work described in this report.

Special thanks are extended to our local guide Santiago Carrasco Bellota, who provided excellent historical and environmental information. He also worked with all of the volunteers at Chachabamba and at the Orchid Sanctuary.

A handwritten signature in black ink that reads "John Hollinrake". The signature is written in a cursive, flowing style.

John Hollinrake, Executive Director
Conservation Volunteers International Program

Comentario de un Guardaparque SHM.

GP. Javier Isaac Huayllapuma Rodriguez.

La visita de nuestros amigos voluntarios es buena y excelente hoy en día se esta perdiendo esto de Voluntario dar o colaborar a cambio de nada sobre todo venir de tan lejos o distante lugar.

Felicitaciones Amigos Voluntarios continuemos trabajando, en el S.H.M.

GP. SAM-23923019

Comentario de controlador de M.C.

C. Jhon CESAR FAVFAN tito

Primera mente agradecer a todos los Señores Voluntarios que se apersonaron a este T.C.V. de chachabamba a las 10 personas, y es muy necesario su presencia en esta zona para realizar trabajos de apoyo en los trabajos preservando nuestro legado y Patrimonio ojala que sigan volviendo a este Sector gracias muchas gracias y Felicitaciones.



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