Research on the Protection and Inheritance of Yi People's Wearing Bucket Skills under the Strategy of Rural Revitalization

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Quanxi Cao, Linlin Song, Yanmin Liang*
Guilin University of Technology, Guilin, China
*Corresponding author, e-mail: 2056617@qq.com

Abstract

As a programmatic document of rural revitalization, Rural Revitalization Strategy not only promotes the revitalization of rural culture, but also injects new vitality into the inheritance and development of rural folk traditional skills. As an important folk traditional skill of the Yi people in Sichuan, the skill of wearing a bucket is of great significance in the construction of traditional wooden buildings in China. It is the crystallization of the production activities of the Yi people in Sichuan. How to scientifically and reasonably protect and inherit the skills of Sichuan Yi People's fighting style is of great significance to promote the Rural Revitalization of Sichuan Yi areas. Based on the investigation of the current situation of the protection of Sichuan Yi's fighting skills, this paper analyzes the difficulties faced by the protection and inheritance of Sichuan Yi's fighting skills, including the difficulties in the protection and inheritance of fighting skills, the improvement of self-confidence, government policies and skills preservation. Under the rural strategy, the protection and inheritance strategies of Yi People's fighting skills are put forward, such as giving play to the leading role of the government, innovating the inheritance mode of Yi People's fighting skills, paying attention to the cultivation of inheritors, strengthening the awareness of fire prevention and studying anti-corrosion technology.

Keywords

Rural Revitalization Strategy; Sichuan Yi nationality; Chuandou skill; Protection and inheritance

Introduction

In the 1980s, under the background of reform and opening up, China's rural areas have been rapid

development, but also had a huge impact on all aspects of rural areas. For example, in order to keep up with the pace of modernization, the buildings in some rural settlements are reconstructed regardless of the original traditional characteristics, which leads to the serious homogenization phenomenon. Based on the problems and actual needs in the development at this stage, the 19th National Congress of the Communist Party of China put forward the relevant contents of the Rural Revitalization Strategy, and clearly required to promote the rural development according to the situation of different villages. For some characteristic historical villages and ethnic minority villages, we should try our best to maintain the integrity, authenticity and continuity of their contents (Xue, Xu, Ren & Guo, 2019). Under this strategy, on the one hand, the construction of characteristic villages is based on the living environment of local residents, which helps to maintain the local national characteristics, provides a new direction for the protection and inheritance of local culture, and has an enlightenment for the development of traditional folk arts. On the other hand, the construction of characteristic villages serves for the local economy, which not only promotes the development, but also helps more people to understand the local culture and spread it more widely.

Sichuan Yi People's Skill of Wearing Bucket

Sichuan Yi nationality is one of the six major ethnic minorities in China, mainly distributed in the southwest of Sichuan Province (A, 2017). Because of its relatively closed living environment and primitive social system, a relatively complete variety of national customs, folk traditional crafts and cultures have been preserved, which undoubtedly provides a unique land for reflecting the ancient civilization of the Yi people in Sichuan and protecting the disappearing national cultural heritage in China. Among them, Chuandou skill is an important traditional skill of Yi people in Sichuan Province, mainly concentrated in Zhaojue, Meigu, Butuo and other places in Sichuan Province. As an important part of the architectural skills of Yi people in Sichuan, the research on it will help more people to have a better understanding of the architectural culture of Yi people, and better inherit and carry forward the essence of architectural culture. At the same time, it will also provide rich design language and inspire new design ideas for the design of the latter.

Through bucket structure and fan frame structure are often used in the design of wood structure of Yi People's buildings. Among them, through bucket structure is more economical in construction, easy to construct, and more stable in structural stress. Therefore, through bucket structure often appears in Yi People's residential buildings, whether in raw soil wood tile house or all wood tile house. The construction process of the through bucket structure is very similar to that of the Han people, that is, according to the number of purlins, a row of columns are erected longitudinally along the depth direction of the house, and a purlin without rafters is set on each column. The square is generally located in the middle of the height from the roof to the column, and the spacing between the square and the square is generally controlled between 30 ~ 35cm, thus form-

ing a through bucket frame. Each truss is connected by purlin and brace, and non floor column is added every other one or more purlin columns. Because the space between purlin columns is small, non floor column can ride on longitudinal through brace (Huang, 2017). After passing through the house, it becomes overhanging eaves, and the overhanging eaves are mostly arc-shaped and hook angle shaped, which is both practical and can improve the overall aesthetic feeling of the houses. Therefore, the overhanging eaves run through both ends of the house longitudinally, and finally form a unique structure of the Yi people. Generally speaking, compared with the structure of Chuandou in Han nationality, the structure of Chuandou in Yi nationality is simple and practical. It has neither complicated Doufang nor purlin, and it has strong artistry.

The Significance of Protection and Inheritance

As a different architectural form from reinforced concrete structure in modern architecture, Sichuan Yi People's wearing bucket technique represents not only a certain component in architecture, but also an important part of Sichuan Yi People's excellent traditional culture, which contains rich cultural value, economic value and social value. With the continuous promotion of Rural Revitalization Strategy in China, some excellent traditional culture and traditional skills in rural areas have been gradually protected by people. In the context of Rural Revitalization Strategy, exploring the protection and inheritance of Sichuan Yi People's Chuandou skills has important practical significance for the revitalization of rural traditional folk crafts, mainly in the following three aspects.

First, Under the strategy of rural revitalization, the research on the protection and inheritance of Sichuan Yi People's fighting skills provides new ideas, new methods and new technologies for the exploration of excellent traditional cultural skills in rural areas and the research on the protection and inheritance of Yi People's traditional folk crafts, which is conducive to promoting the innovation of the protection methods of Sichuan Yi People's fighting skills and promoting the development of rural traditional folk crafts more scientifically and reasonably.

Second, The study of Sichuan Yi People's wearing bucket skills is conducive to creating a new form of Yi People's folk traditional craft culture communication, strengthening cultural confidence, reshaping the rural cultural ecology, and providing effective ways and development strategies for the revitalization of Sichuan Yi People's rural culture.

Third, The protection and inheritance of the Yi People's wearing bucket technique is helpful to explore the protection and innovative development research mode of the traditional folk crafts of the ethnic minorities in China, to promote the revitalization of the rural areas of the Yi people in Sichuan, to prosper the regional characteristic culture, to create the product brand with national characteristics, and to continue the excellent traditional culture of China.

The Current Situation and Problems of Sichuan Yi People's Skill of Wearing Bucket

The Traditional Skills of "Through the Bucket" are Seriously Damaged

The skill of wearing bucket is a distinctive symbol of the architectural culture of Yi people in Sichuan, and its value is immeasurable. However, limited by the economic and traffic, the government's attention and other reasons, the Yi people often use the method of demolishing and reconstructing all the traditional houses, which leads to the destruction of some traditional structures of the Yi people. In addition, due to the lack of full field research on the techniques of Chuandou style in the reconstruction of some residential buildings, the overall planning of Yi traditional buildings is lacking, and the design improvement is carried out unilaterally. In the design scheme, more attention is paid to the new harmony and beauty, and the traditional form and characteristics of Chuandou style building structure are ignored, which is divorced from the original Chuandou style structure of Yi people, It makes the completed houses out of tune with the surrounding environment, and is quite different from the ideal home in the hearts of the Yi people. In this way, it also directly or indirectly leads to the loss of traditional architectural culture of the Yi people, which is very unfavorable for the development of traditional culture.

The Yi People Lack Cultural Confidence in the Skills of Wearing a Bucket

With the development of modern technology and the continuous advancement of urbanization, foreign architectural forms and structures are gradually infiltrated, and the traditional Yi folk architecture has been greatly impacted, especially in the aspect of the skills of wearing bucket. The local government has not paid much attention to the protection of the technique, which has led to the deterioration or even extinction of a large number of architectural relics containing the technique, and the lack of education for young Yi people in learning their own cultural knowledge and skills (Guo & Yu, 2019), As a result, the young Yi people can't understand the cultural value of their own nation. They always feel that the architectural structure of their own nation is old and lack of aesthetic feeling. They don't realize the intrinsic value of the Yi People's fighting skills and lack of identity with their own culture. It can be seen from some Yi villages in Sichuan that many Yi dwellings have lost their traditional Yi architectural features. The new Yi dwellings have undergone great changes in shape and selection of building materials. The original structure of wearing bucket with Yi characteristics has even disappeared. The reason is that they are not confident in their own culture.

The Traditional Way of Inheritance Encountered Bottlenecks

Traditionally, Sichuan Yi People's fighting skills are mainly inherited by family or apprentices. This

mode has a very good effect in the early stage of fighting skills inheritance. Early Yi people support their families by learning an architectural skill, which is respected by the society. However, with the continuous improvement of the economic level, the limitations of this way of inheritance are particularly obvious now. The skill of wearing bucket is only mastered by a few Yi people, and its popularity is not wide. On the one hand, because it is difficult to learn and takes a lot of time and energy to learn, it requires a lot of people. Without a long time of patience and talent, it is difficult to master this skill; On the other hand, the values of the young Yi people have changed greatly under the influence of modern civilization. They think that it takes a long time for them to learn the skill of wearing a bucket, which is difficult and tedious. Even if the income is not high after they learn it, it is difficult to support their families. Most of the Yi people choose to work outside. Nowadays, in many Yi villages, it is difficult to see young craftsmen. However, the older generation of craftsmen who know how to pass on their skills are too old to pass on their skills well, which also makes the inheritance of Yi's skills difficult.

The Income of The Craftsmen is Low

Sichuan Yi People's wearing bucket skill has rich economic value and cultural value. However, due to the small number of people who use it and the complicated process, if there is no special need, few people spend money to deliberately use it. As a result, the number of craftsmen of wearing bucket skill is gradually reduced and the use cost is gradually increased. The material used in the bucket structure is local Chinese fir, and its growth cycle is at least ten years before it can be used. In addition, it can only be built manually, so the cost of time and materials is relatively high. In addition, the application mode of the Yi People's bucket structure is relatively single, which is mostly used in the traditional Yi People's residential buildings. It is rarely used for other purposes, and can not show its own economic value through a certain carrier. Therefore, the economic benefits it brings are relatively low, and it is difficult to provide power for the development of the local economy.

There are Difficulties in the Protection of Through Bucket Buildings

Compared with the materials used in the frame structure and brick concrete structure in modern architecture, the materials used in the Yi People's bucket building are easy to be damaged because of the long time, and the stability and safety of the structure are far less than that of the reinforced concrete structure, In addition, the main distribution area of Yi people in Sichuan is located in Southwest China, with hot climate, high annual rainfall and high air humidity. Some ancient wooden structures are easily damaged due to climate and borers, and it is difficult to survive in this environment for a long time. In addition, wood materials are prone to fire, and the Yi people have the habit of setting fire ponds in their houses since ancient times. If they are careless, the wooden build-

ings of the whole village may be destroyed. Therefore, there are some difficulties in the protection of the Yi People's bucket style buildings.

Strategies for the Protection and Inheritance of Yi People's Skills of Wearing Bucket under the Strategy of Rural Revitalization

A series of new ideas and ideas contained in the Rural Revitalization Strategy outline a grand blueprint for the development of traditional crafts of ethnic minorities in the new period (Chen, 2019). This strategy is both an opportunity and a challenge for the protection and inheritance of traditional folk crafts in rural areas. Because there are both generalities and particularities in the objects of protection and inheritance, we can not generalize. In the specific implementation process, we should not only refer to the successful models of other regions, but also find a practical development path in combination with our own reality.

Giving Full Play to the Leading Role of the Government

In the aspect of protection and inheritance of Sichuan Yi People's fighting skills, the government should play a leading role. In addition to providing policy and financial support, it should make a reasonable plan for the protection and inheritance of Yi People's fighting skills, and make a scientific evaluation at each stage of the plan, so as to provide reference for the next stage. In addition, the government should conduct a detailed investigation on the objects it protects, fully understand the current situation of the structure of the Yi People's buildings, and preserve the original structure as much as possible. For different situations of Yi People's houses, the government tailor (Zhao, 2014). For example, it is necessary to provide a correct direction for the rebuilt Yi People's houses so that their cultural characteristics can be better preserved; For the newly-built Yi folk houses, we should try our best to add them into the design of folk houses, and fully consider the people's demand for houses. At the same time, the government should make clear the responsibility of each subject, establish a scientific responsibility mechanism, and use force in time for unreasonable behavior to avoid greater losses. In the aspect of the protection of fighting skills, it provides sufficient financial support to enhance the cultural confidence.

Innovating the Way of Passing on the Skills of Wearing Bucket

Therefore, we should strengthen the innovation of the inheritance of the skills, which is mainly reflected in three aspects: the innovation of the communication mode, the innovation of the protection and the innovation of the application. The first is the innovation of communication methods, such as the inheritance of Yi People's fighting skills in the form of documentary, three-dimensional animation preferred by young people, or the way associated with college education. The second is

the innovation of protection methods. With the development of computer technology, virtual reality technology and artificial intelligence in recent years, it has brought new opportunities to the protection of traditional culture and provided new means for the protection of Yi People's fighting skills, For example, BIM Technology is used to create a three-dimensional database of through bucket structure to provide the best scheme for the protection and development of through bucket structure; Or the use of virtual reality technology, the Yi people through VR technology to create a three-dimensional scene, can let more people more intuitive feel the charm of Yi people through the bucket. The last is the innovation in the application mode, mainly as follows: first, the Yi People's Chuandou structure can be combined with modern architectural means. Today, with the development of social civilization, we can not adapt the process of social development to the development of Yi People's fighting skills, which leads to stagnation or retrogression. Therefore, we can apply the Yi People's fighting skills to modern architecture, which can not only adapt to the development of modern society, but also retain the Yi People's fighting skills. Second, it can combine the skills of wearing bucket with the rural national industry, which can not only give play to the economic value of the skills of wearing bucket, but also promote the development of the Yi rural economy, improve the income of the Yi people, and protect and publicize them.

Pay Attention to the Training of the Skilled Personnel

The protection and inheritance of Chuandou skill need not only the support of government and science and technology, but also the guarantee of talents. In the traditional villages of Yi nationality in China, the phenomenon of young people going out to work is very common, which is very unfavorable for the inheritance of the skills of wearing bucket. Therefore, the relevant departments can issue relevant preferential policies and increase the publicity of Yi People's fighting skills, attract the return of Yi People's youth, cultivate their love for fighting skills, enhance their sense of identity of Yi People's fighting skills, and better protect, inherit and develop Yi People's fighting skills. At the same time, it can also attract high-level people to take root here, and mobilize all the people who can mobilize, including local residents, architectural scholars, or fans of the pudou technique, so that they can join in the protection and inheritance team of pudou technique.

Strengthen Fire Prevention Awareness and Study Anti-Corrosion Technology

Due to the materials and environment, the structure of the Yi people is vulnerable to fire and corrosion, which is not conducive to its preservation in the long run. Therefore, the relevant departments should strengthen the publicity of fire prevention knowledge and the investment of fire prevention equipment, improve the fire prevention awareness of Yi people, prevent the occurrence of fire, and strengthen the research of wind erosion and water erosion resistance technology, so as to prolong the life of Yi People's bucket structure. On the other hand, the government should strengthen the

management and maintenance of the structure of the Yi people, and employ relevant experts to make a reasonable planning for the Yi People's houses, so as to prevent the whole village from burning up in case of fire. The use of the materials can be adjusted appropriately, so that the traditional crafts of Yi people can be retained and the daily needs of Yi people for residence can be met.

Through the above protection and inheritance strategies, we can not only broaden the scope of Yi People's Chuandou skills inheritance, speed up the spread of Yi People's Chuandou skills, but also well preserve and inherit Yi People's Chuandou skills for a long time, so as to better promote Yi People's rural culture and economic revitalization, highlight China's excellent traditional culture, and consolidate China's foundation in the world culture .

Epilogue

To sum up, as the most important folk traditional craft of the Yi people, the Yi People's Chuandou skill carries the value orientation and civilization of the Yi people. Its spiritual significance has far exceeded the material form, and is an important content of carrying forward and revitalizing the rural civilization. There are two signs of a country's modernization in the true sense: one is the development of scientific and technological productivity, and the other is the protection of traditional cultural heritage. Therefore, under the strategy of rural revitalization, to explore the skills of Yi People's wearing bucket is conducive to the protection and inheritance of Yi culture on the one hand, and also provides a reference for the protection and inheritance of other material and non-material cultures on the other hand. Finally, to achieve the goal of beautiful China.

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