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On the coupling relations and applied value of herdsman and grassland ecosystem

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Key words : Herdsman ,Ecosystem of grassland ,Coupling relation ,Value of application ,Utilization and safeguarding of resources

Introduction Though various existing ecosystems are formed earlier than the human society ,mankind ,which relies on different cultures and nationalities that cultured maintain ,show powerful creativity and dynamic role .Relying on such creativity and dynamic role ,people can change the ecosystem in part and make it benefit for the relevant nationalities or communities . However ,the structure of the modified ecosystem have obvious differences to the original one and it is easy to bring ecological calamities .So the key about how to make the nationalities and their cultures to play a protective role in ecosystem is how to handle the coupling relations between the nationalities and their ecosystems .

Material and method Using the field work to survey the grassland ,visiting the herdsman and local officer ,consulting the grassland expert and looking for the relevant historical documents ,we combine the materials of these four ways and form the conclusion .

Result and discussion Herdsmen of the Inner Mongol Grassland and the ecosystem of the northern grassland in China ,have gone through the friction relations between human and grassland for nearly one thousand years ,they have already formed interdependence and inter-restrained coupling relations .They embodied as : The social existing of the herdsmen ,especially the nomadic livelihood way ,has already been occupied several pieces of ecological location in the ecosystem of grassland firmly and has established the connection between material ,energy and information exchange with numerous animals and plants in relevant food chains .As regards the herdsmen's biological character ,they have already coupled mutual combined together mutual coupling with the ecosystem of grassland .

This kind of coupling relation can avoid the fragile links of the ecosystem of grassland effectively ,guaranteed both the utilization and the maintenance of the ecosystem of grassland .In the operation of its coupling relations ,one party's damage or strengthening will affected another party .So ,no matter what kind of ecological policy pursued in grassland ,we should notice that herdsmen have dual functions to the grassland .we must rely on the herdsmen to promote the recovery of the ecosystem of grassland in normal running of their culture .

From above ,we need to rectify the following policies to resume the grassland ecological system .

First ,according to the need of resuming the Inner Mongol grassland's ecology ,closed the grassland and move the herdsmen as eco-refugee to other places .Second ,take the damaged grassland ecosystem for other use ,for example ,take the grassland into farmland ,or resume the grassland into forest by artificial means .Third ,government regulated that the Mongols herdsmen abandoned their herds and settled down to be farmers .

Conclusion If want to build the ecological construction of the Inner Mongol Grassland well ,we should do it on the base of the the Mongolia traditional culture .According to the concrete need of the treatment of the ecological calamity ,introduce the modern science and technology selectively and induce the Mongolia traditional culture to reconstruct the culture gradually ,thus relying on the nomadic culture of the Mongols after reconstructing in the normal continuity to realize the ecological recovery of the grassland of the Inner Mongol .

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