

# **STATUS OF WILDLIFE AND LOCAL PEOPLE'S LIVELIHOOD IN THE BUFFER ZONE OF PU HUONG NATURAL RESERVE, NGHE AN PROVINCE**

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## **Summary**

This study aims to evaluate species composition, quantity and purpose of wildlife product use illegally hunted by local people in the buffer zone of Pu Huong Nature Reserve in Nghe An province, contributing to the conservation of biodiversity in general and animals in particular in Pu Huong Nature Reserve. Field surveys were conducted from January 2018 to November 2018, on 8 routes to determine the number of species, the number of individuals and the intended use of each hunted species. The results showed that 70 species of wildlife were hunted by the community, including 51 species of mammals, 10 species of birds, 6 species of amphibians and reptiles, 3 species of fish. Out of 70 species of wildlife were hunted, 34 species in Vietnam Red Book (2007), 24 species in IUCN Red List (2018) and 34 species in Decree 32/ND-CP (2006). The results of the field surveys also recorded 48 species of wildlife hunted, in which 29 species of mammals to have the high economic values and account for the majority of the hunted species. The value of wildlife hunted products in 2018 is estimated to be 41% for food, 15% for leather, 12% for export, 11% for art and culture, 8% and pharmaceuticals accounted for 7%. In the Buffer Zone of Pu Huong Nature Reserve, the number of hunters decreased over the period, the highest in the period 1997-2002, the period 2002-2010 and the lowest in the period 2010-2018.

**Keywords:** *Hunting, hunter, wildlife, Pu Huong, Nghe An.*