



Pattern correlation of mammalian teeth as a means of identification
by Charles L Buck

A THESIS Submitted to the Graduate Committee In partial fulfillment of the requirements for the degree of Master of Science in Zoology at Montana State College
Montana State University
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Abstract:

The purpose of this research was to determine the extent to which teeth patterns could be used as a means of identification of mammals. This included, of course, the dependability or uniformity of teeth patterns in the different mammals what correlation there was, if any, and the effects of wear and age.

Several skulls of each species were closely examined and photographs were made. Approximately fifty-five species were studied. Comparisons were made throughout.

In nearly all cases, the family could be recognized easily. In the Order Rodentia, the genera and even species could be determined by their teeth patterns. In a number of cases, the teeth pattern was altered by excessive wear and age. Caution should be exercised along this line when teeth patterns are used.

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Abstract Of Thesis

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