Chapter 1. INTRODUCTION

A. Hypothesis

B. Objective of the present study

C. Gap in earlier studies

Chapter 2. REVIEW OF LITERATURE

Chapter 3. MATERIALS & METHODOLOGY

3.1 Material

3.1.1 Samples
   (a) Collection of Guard hair samples from wild
   (b) Collection of Guard hair samples from captivity
   (c) Collection of Guard hair samples from Trophy

3.1.2 Body region

3.1.3 Sex and season

3.1.4 Tanning or dyeing

3.2 Methodology

3.2.1 Morphometry of guard hair

3.2.2 Preparation of the cast of hair cuticle

3.2.3 Preparation of hair medulla

3.2.4 Observation under Compound Microscope

3.2.5 Observation under Scanning Electron Microscope

3.2.6 Measurement of parameters

3.2.7 Statistical analysis
Chapter 4. RESULTS

4.1 Length of Guard Hair
   4.1.1 In different sexes
   4.1.2 In different season
4.2 Diameter of Guard Hair
   4.2.1 In different sexes
   4.2.2 In different seasons
4.3 Cuticular scale pattern
4.4 Cuticular scale margin
4.5 Cuticular scale separation
4.6 Cuticular scale width and height
4.7 Medulla structure
4.8 Groove structure
4.9 Coloration

DISCUSSION

SUMMARY

REFERENCE

APPENDICES