



Lab 9: Aquatic vs terrestrial vertebrates



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BIO 2135 – Animal Form and Function I (BIO 2535 – Intrinsic structure, functions)
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Vertebrates in general

- Largest number of chordates (About 54,000 species total)
- Main characteristics of Vertebrates:
 - ✓ Vertebral column (or backbone) ⇒ Protects spinal cord + Support
 - ✓ Head with Sensory organs (e.g., eyes, ears) + Brain
- 8 classes:
 - ✓ Petromyzontida ⇒ Lampreys
 - ✓ Chondrichthyes ⇒ Skates, Rays, Sharks
 - ✓ Actinopterygii ⇒ Ray-finned fishes
 - ✓ Sarcopterygii ⇒ Lobe-finned fishes
 - ✓ Amphibia ⇒ Frogs, Toads, Salamanders
 - ✓ Reptilia ⇒ Snakes, Lizards, Turtles
 - ✓ Aves ⇒ Birds
 - ✓ Mammalia ⇒ Rodents, Bats, Whales
- External and internal anatomies:
 - 1) Perch (Aquatic vertebrate-Class Actinopterygii)
 - 2) Fetal pig (Terrestrial vertebrate-Class Mammalia)



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Lab 24 The Vertebrates Answers

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Lab 24 The Vertebrates Answers:

This book delves into Lab 24 The Vertebrates Answers. Lab 24 The Vertebrates Answers is a vital topic that must be grasped by everyone, ranging from students and scholars to the general public. This book will furnish comprehensive and in-depth insights into Lab 24 The Vertebrates Answers, encompassing both the fundamentals and more intricate discussions.

1. This book is structured into several chapters, namely:
 - Chapter 1: Introduction to Lab 24 The Vertebrates Answers
 - Chapter 2: Essential Elements of Lab 24 The Vertebrates Answers
 - Chapter 3: Lab 24 The Vertebrates Answers in Everyday Life
 - Chapter 4: Lab 24 The Vertebrates Answers in Specific Contexts
 - Chapter 5: Conclusion
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Lab 24 The Vertebrates Answers Introduction

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