



# Orchestrating Vertebrate Biodiversity Initiatives

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## Introduction

- Human-wildlife interactions in non-human animal conservation
  - extent to which humans understand and experience sentience among non-human animals (macaques, elephants, etc.)
  - and consequences of these interactions in the context of multispecies interactions and human-caused biodiversity loss
- Objectives**
- Lack of research on the impact of human behavior and reactions towards different species.
  - **Understandance**: essential knowledge for effective conservation practices.
- Purpose**
- Gain insight into the impact of these interactions on human attitudes and action for conservation.
  - Meaningful engagement with animal sentience could motivate humans to change their behavior towards wildlife and biodiversity.

## Purpose

- What motivates participants to connect to nature?
  - better treatment of wildlife?
- Methodology**
- Sample and recruitment**
- Participants were drawn from a convenience sample:
  - 44 total participants
    - 22 humans
    - 22 birds (11 common, 11 rarer)
- Instrument**
- A survey instrument measuring the influence of proximities or proximity, such as face-to-face, Statute, and distance.

## Narratives of human-animal interactions

- Narratives of how humans interact with non-human animals.

## Attitudes and motivations

- Attitudes and motivations of participants.

## Direct interactions

- Direct interactions of humans hunting bear, whale, seals, penguins, turtles, etc. birds, frogs, swans, moths, butterflies, etc.

## Experiences of proximity

- Experiences of proximity of different species.

Professor Lynn Elsayan, our fellow Senior Research Fellow

• Evidence of sentience of invertebrates

• Evidence of sentience of plants

• Evidence of sentience of fungi

• Evidence of sentience of bacteria

• Evidence of sentience of viruses

• Evidence of sentience of minerals

• Evidence of sentience of rocks

• Evidence of sentience of stars

• Evidence of sentience of galaxies

• Evidence of sentience of the universe

• Evidence of sentience of the multiverse