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## Characteristics of US-Based STEM Webcams at a Glance

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# **Characteristics of US-Based STEM Webcams** at a Glance

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## INTRODUCTION

STEM and STEM-education organizations (e.g., zoos, museums, and government agencies) operate thousands of publicly available live-streamed webcams, which have the potential to provide rich informal learning opportunities. To date, no research has analyzed the breadth of STEM webcams.

In this study, we developed an inventory of webcams operated by US-based STEM or STEM-education organizations.

We characterized each webcam in categories such as organization type (zoo, aquarium, etc.), webcam subject (animal, body of water, etc.), and the types of engagement features the webcam page employs (live chat with experts, data entry, ability to move the camera view, etc.), and more.

This poster is focused on webcams showing animals and presents our preliminary analyses. We hypothesize that webcams showing animals overrepresent charismatic, large-bodied animals.<sup>1</sup>

This work is part of a larger study assessing motivations, use, and outcomes of webcams used by STEM organizations.

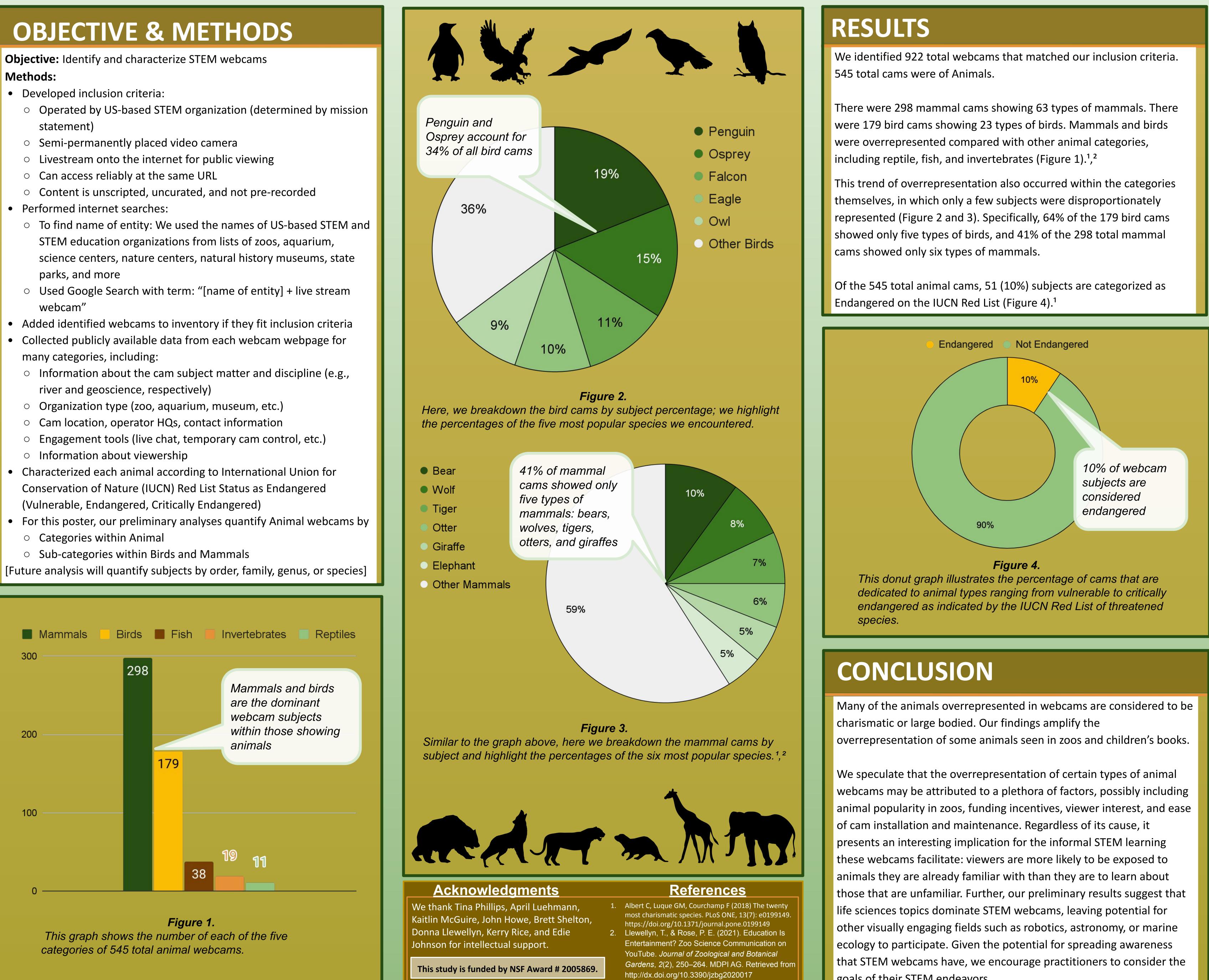






From top to bottom: Bears, penguins, and eagles, some of the most popular animals we encountered on the webcams.

# Main Findings: Charismatic mammals and birds are overrepresented by animal webcams





goals of their STEM endeavors.