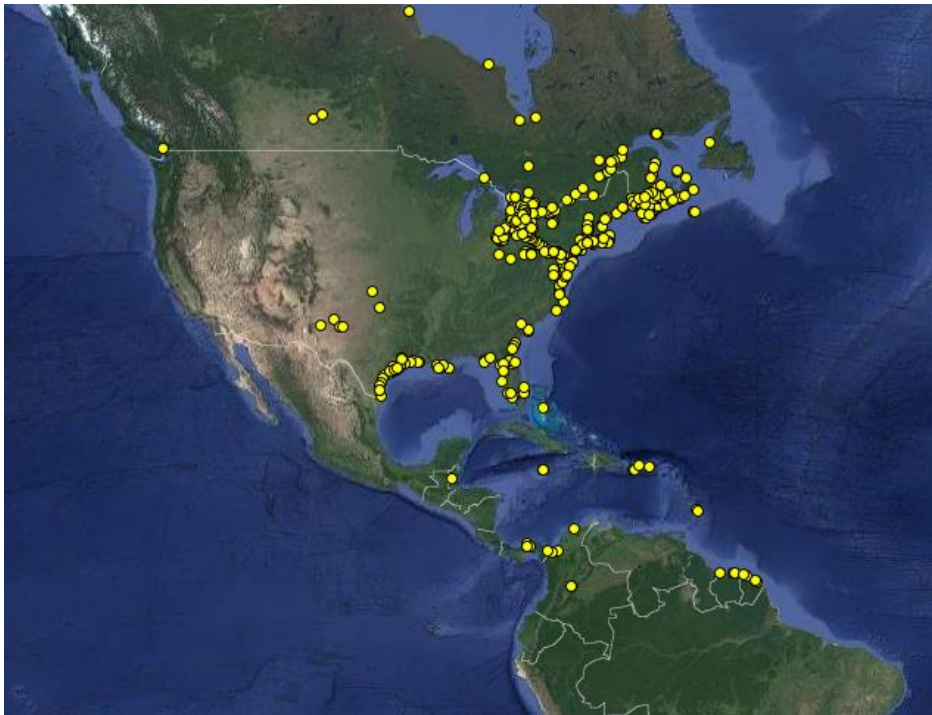


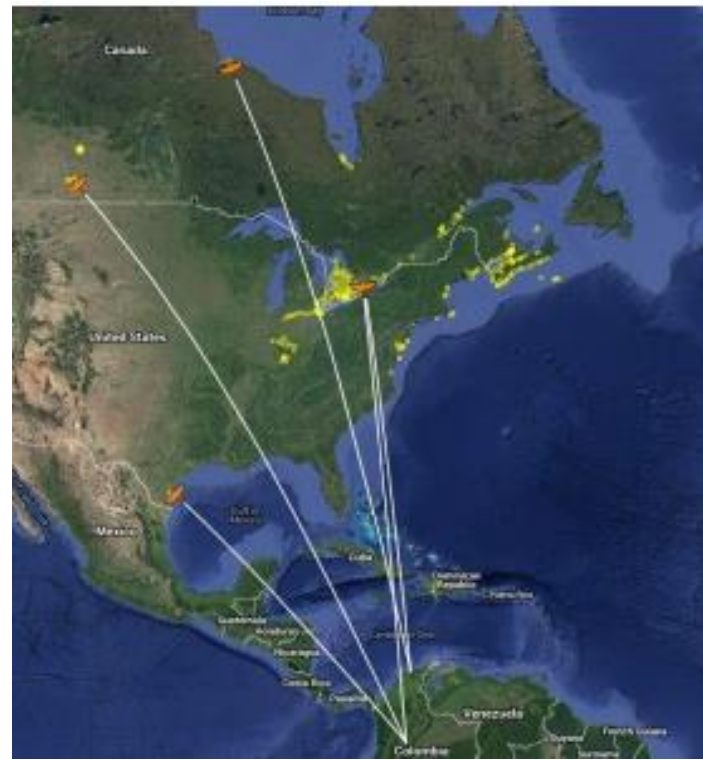
## What is Motus?

- Radiotelemetry Network
- Migratory species
- International
- Managed by Bird Studies Canada



## Why participate?

- Science
- Conservation
- Partnerships with organizations and researchers
- Educate visitors
- Economic
- Zoos are conservation organizations!



## Materials

- Antennae
- Receiver
- Computer
- About \$5,000 per tower



## Personnel

- Animal Care
- Information Technology
- Facilities



## Columbus Zoo



### THE MOTUS TOWER - Tracking birds, bats, and bugs...

**What is Motus?**

- The Motus Wildlife Tracking System is a world-wide research network that uses advanced technology to track the movement and behavior of birds, bats, and large insects.
- The Columbus Zoo and Aquarium and The Wilds have both constructed Motus Towers (receiving stations) as partners in this network.
- Why call it the Motus Tower? Appropriately named, the term "motus" is the Latin word for "movement".

**How does the Motus Wildlife Tracking System work?**

- Accurately tracking birds, bats, and large insects can be tricky! Individual animals are affixed with digitally-encoded radio transmitters. The transmitters' signals are detected by receiving towers constructed across the United States, Canada and other participating countries and communicated to a central database. Researchers can learn a lot about migratory behaviors from this coordinated information.
- Our Motus Tower has been mounted on the back wall of Heart of Africa's Mesopot Restaurant - one of the highest points in the zoo. Although it is not directly visible to guests, this location will enable the tower to pick up signals from animals up to 10 miles away.

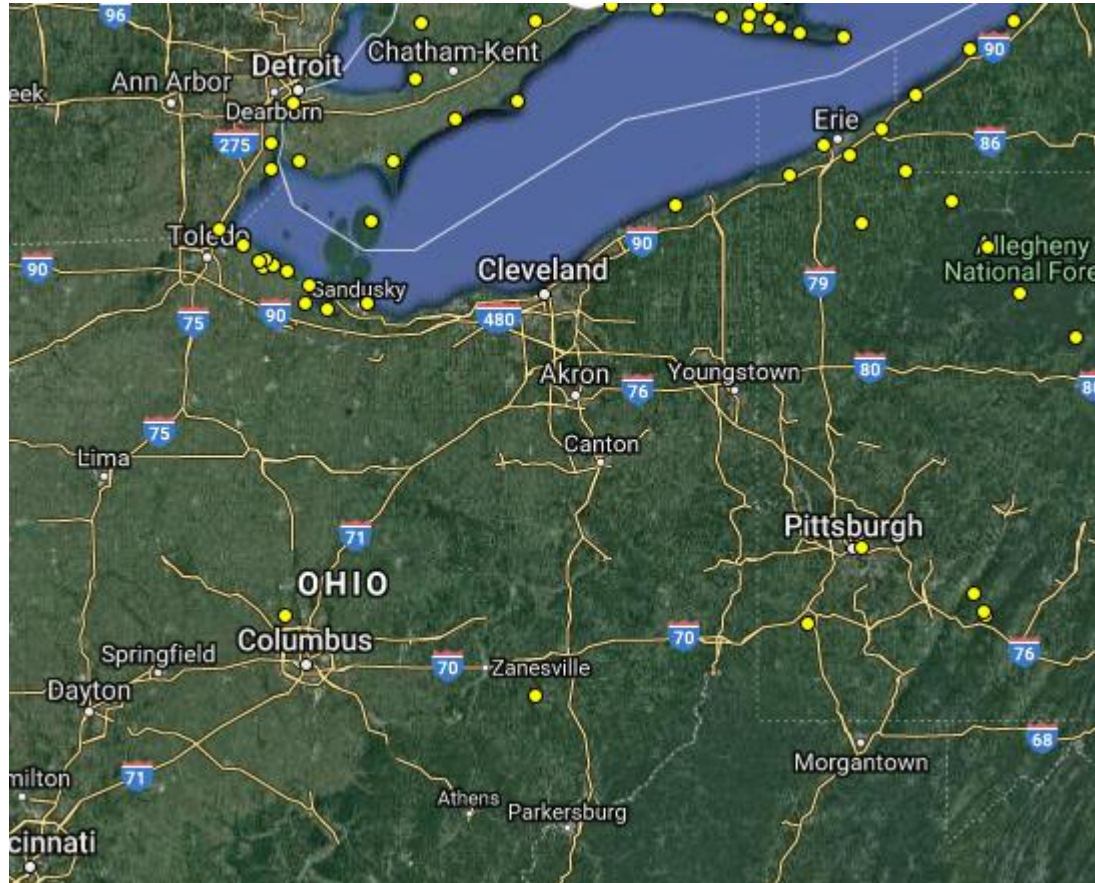
The information we collect is used to answer complex questions about wildlife migrations and can contribute to saving our Ohio wildlife.

For more information on the Motus Wildlife Tracking System and towers, please visit [www.motus.org](http://www.motus.org)

Motus Tower  
Made Possible by  
**Dr. Bernard F. Master**  
To participate in the Bird Studies  
Canada Migratory Bird Project

## The Wilds





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