



A NEW YORK CHAPTER OF THE NATIONAL AUDUBON SOCIETY

THE CHEMUNG VALLEY AUDUBON SOCIETY

SERVING THE SOUTHERN FINGER LAKES REGION

Make a Motus Match!

You can make twice the impact. Up to \$6,000 in donations will be matched when you give by **April 30, 2024**. Please make your tax-deductible donation to Chemung Valley Audubon Society (CVAS), a 501(c)(3) Organization.

Why should I donate?

Motus is at the heart of CVAS's mission to study and protect birds and their habitats. Donations will support equipment needs and Motus infrastructure at CVAS's Northrup Hill Audubon Wildlife Sanctuary (NHAWS).

What is Motus?

"Motus" is a Latin word meaning "movement." Motus is a program of Birds Canada in partnership with collaborating researchers and organizations, including the National Audubon Society. Motus researchers track migratory species over great distances with high precision.

How does Motus work?

The Motus Wildlife Tracking System is an international network of researchers who use automated radio telemetry to track hundreds of birds, bats, and insects at more than 1,200 Motus stations across 31 countries. When a bird (or bat or insect) fitted with a Motus tag flies by a Motus station, its movement is recorded and shared in the Motus network database, allowing scientists to better understand migration patterns.

How is the tracking data used?

For the first time in one place, these data inform conservation decisions that can halt and reverse bird declines and related biodiversity loss. The National Audubon Society's ground-breaking Bird Migration Explorer (<https://explorer.audubon.org/>) features movement data for more than 450 species, including 150,000 Motus tracks from 150 species. These data are essential to scientists and to public audiences seeking to explore the wonders of migration.

Where will CVAS install a Motus station?

CVAS's Northrup Hill Audubon Wildlife Sanctuary in Rathbone, NY (Steuben County), has an excellent hilltop location (elevation 1,700 feet) where its Motus station will be installed. CVAS will have the only Motus station in the Southern Tier of NY.

What will the Motus fund raising project include?

This extensive project will include purchasing the Motus antenna and electronic equipment, technician fees, solar panels to supply electricity, a 12'x12' wood shed to house the electronics and store equipment, and a mower to maintain the sanctuary trails and facilities.

What does the project cost?

The estimated cost for this extensive project is \$14,000.

Motus electronics and technician installation fees	\$5,000
Wood shed to house "Motus," mower, and tools	\$4,900
Site preparation for wood shed at NHAWS	\$400
Mower and accessories for sanctuary maintenance	\$3,700

Who is installing the Motus station?

Members of the CVAS Building and Grounds and Conservation Team are committed to installing the station. The Motus electronics and antennas will be installed with the support of an experienced technician.

How can I help?

CVAS members Mary Jane and Brian Dugan will match all donations through the Sloan-Dugan Foundation, dollar for dollar, up to \$6,000, when you donate by **April 30, 2024**.

- Double your impact! Your \$50 donation becomes \$100 when combined with the matching funds. Any amount is appreciated.
- Mail donations to CVAS, P.O. Box 663, Elmira, NY 14902. Note "Motus" in the memo line on your check.
- Donate online at <https://cvaudubon.org/> Matching Donation, then check "Motus"
- Questions? Contact CVAS treasurer Don Hall at dhall@stny.rr.com.

Your CVAS Board of Directors and members are hard at work managing the sanctuary habitat for our feathered friends and for public enjoyment!! Thank you for joining your Board of Directors with your generous donation!!!!

With gratitude,
Chemung Valley Audubon Society Board of Directors