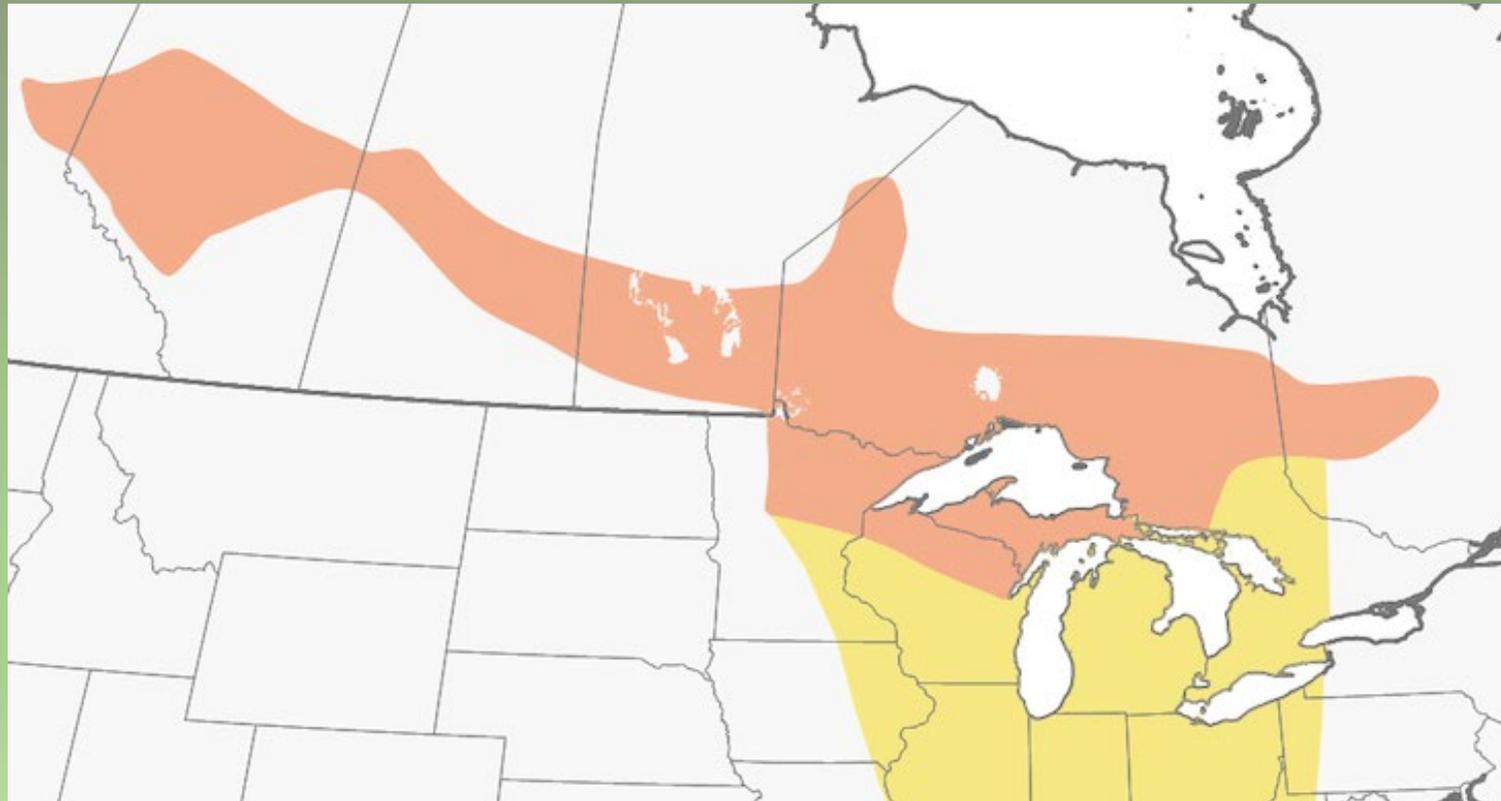


# Connecticut Warbler

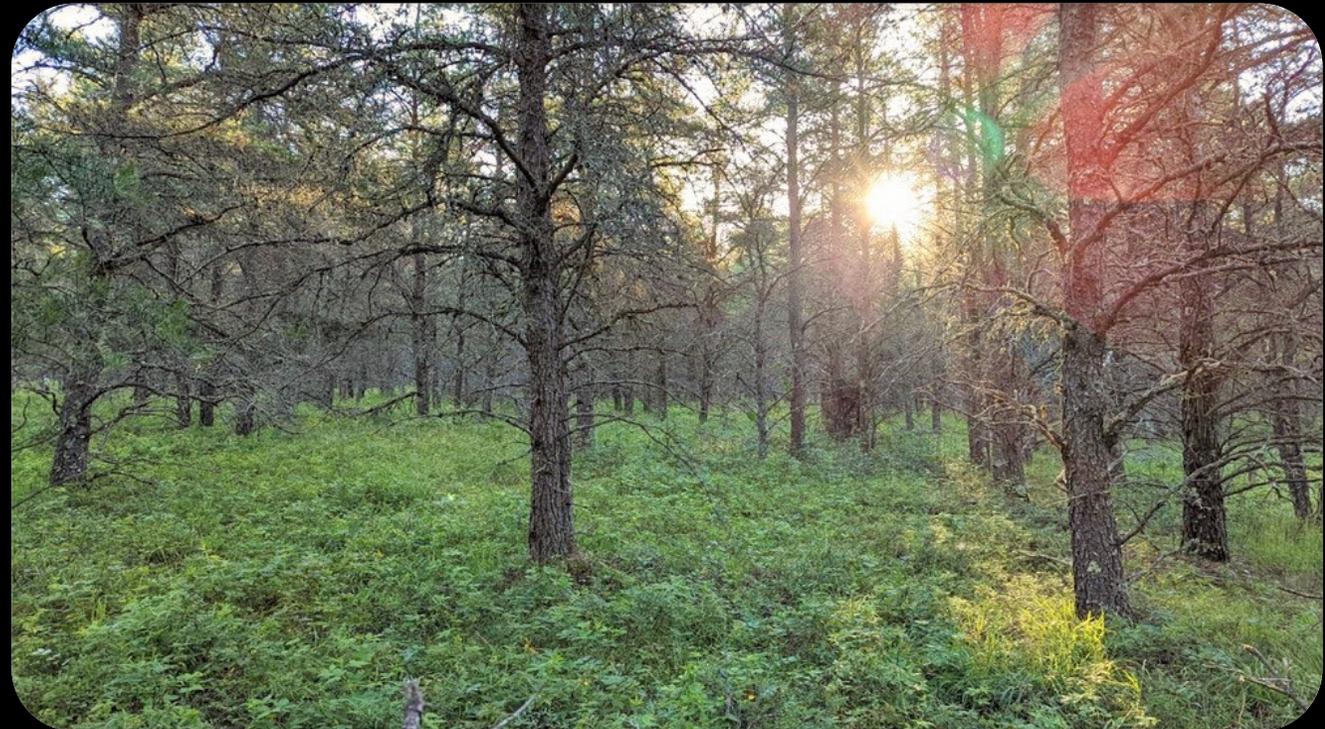
## ***SGCN – PIF Species of Concern***

*Uncommon, Low Detectability, Poorly Studied*





Black spruce-tamarack lowlands



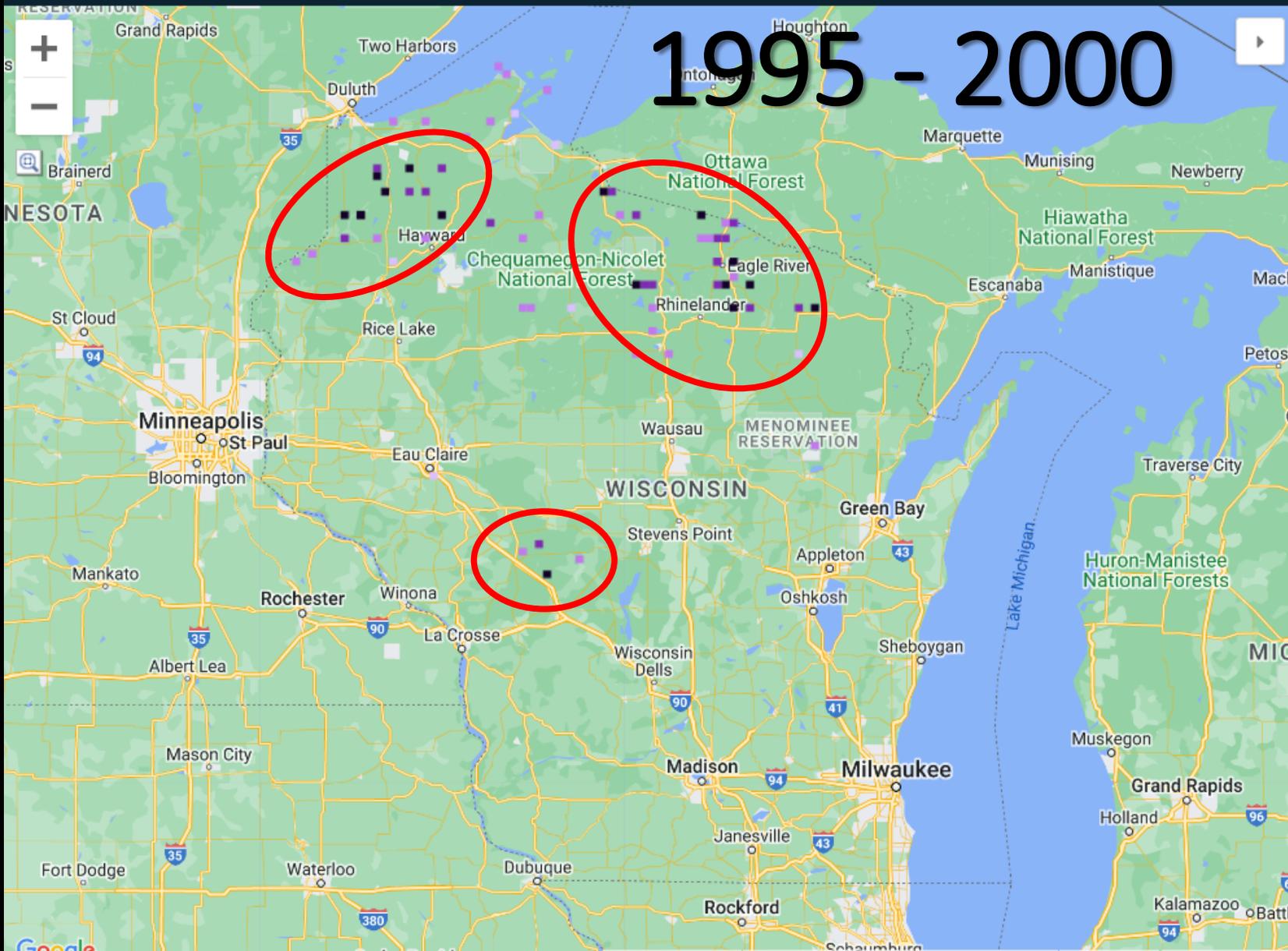
Jack pine on  
sandy soils

Species: Connecticut Warbler

DATE: Year-round, WBBA1

LOCATION: Enter place name or address...

1995 - 2000



- Zoom Tool
- Full species range

- Terrain
- Street
- Satellite
- Hybrid

- Explore rich media  
Only show locations with photos, audio, or video
- Show Points Sooner  
Display points at broader scales when possible (2000 points max)

BREEDING CATEGORY

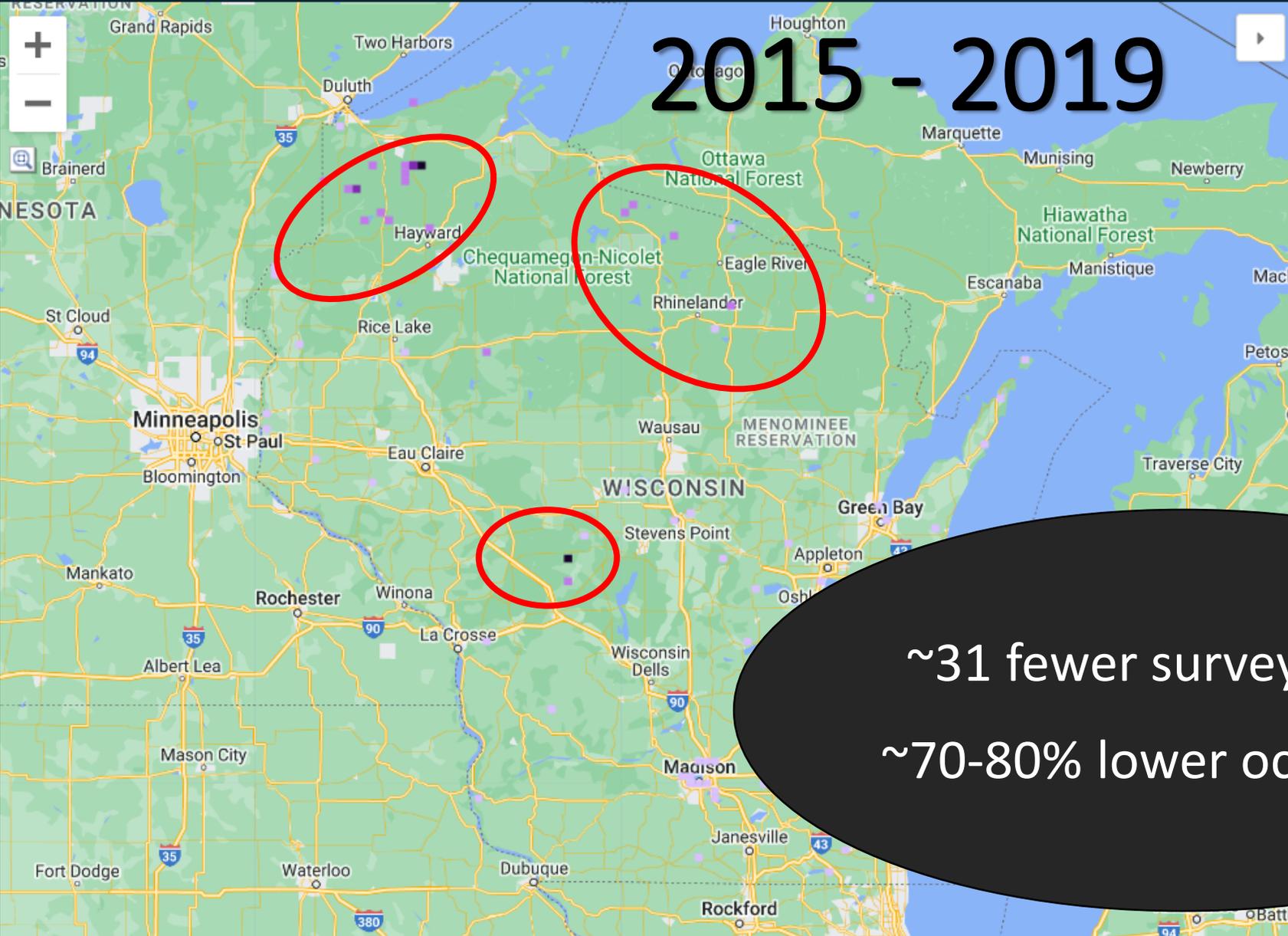
- Confirmed
- Probable
- Possible
- Observed
- Not reported
- Priority blocks

Species: Connecticut Warbler

DATE: Year-round, WBBA2

LOCATION: Enter place name or address...

2015 - 2019



Zoom Tool

Full species range

Terrain

Street

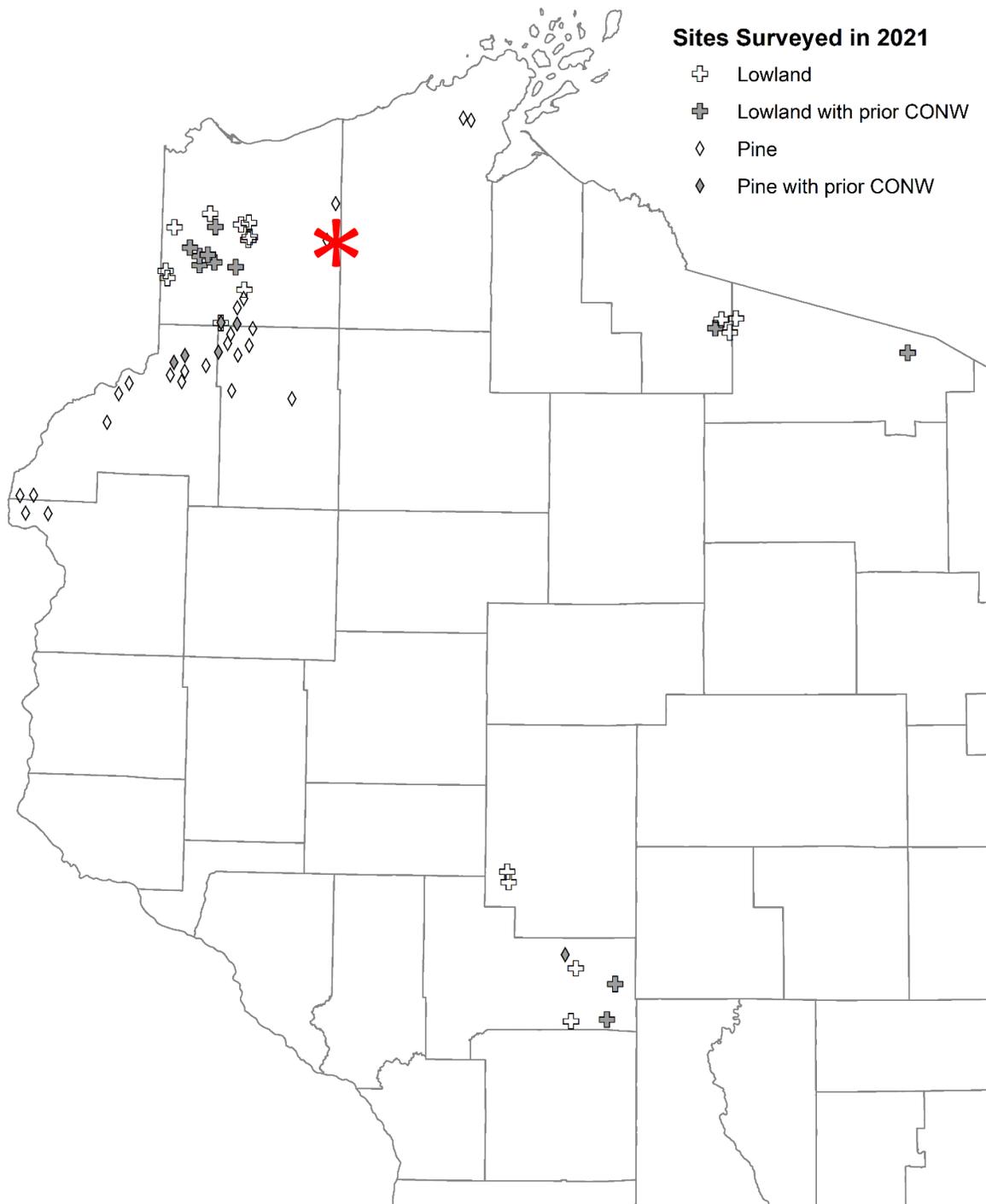
Satellite

Hybrid

Explore rich media  
Only show locations with photos, audio, or video

Show Points Sooner  
Display points at broader scales when possible (2000 points max)

~31 fewer survey blocks  
~70-80% lower occupancy



In 2021, we found 0  
CONW during 428 point  
counts at 58 historical &  
high-quality sites\*

In 2022, last known site held only 3 pairs, though they nested successfully.



*©Brian Collins*



2023 → only 1 singing male



©Brian Collins



# Why Declining?

- ✓ Loss of mature jack pine?
- ✓ Climate change?
- ✓ Loss of wintering ground habitat?



©Tony Dvorak/ML346440441



“Northern Gran Chaco ecoregion of southern Brazil, eastern Bolivia, and northern Paraguay is a **global deforestation hotspot**, losing greater than 20% (142,000 km<sup>2</sup>) of its forest between 1985 and 2013, with deforestation increasing substantially since 2000.” – *Hallworth et al. 2021*

**Now What?**



news

<https://umgljv.org/partnerships/northern-forest-birds-network/>

## Proceedings of the 2022 Connecticut Warbler Conservation Summit

By Anna | November 18th, 2022 | Northern Forest Bird Network

In response to major declines in Connecticut Warbler populations across the northern United States, the Northern Forest Bird Network convened a one-day virtual summit on October 21, 2022, aimed at information exchange and preliminary conservation planning for this species.



Connecticut Warbler habitat, by Brian Collins

Led by Ryan Brady of Wisconsin DNR and Dr. Alexis Grinde of the University of Minnesota-Duluth, the summit brought

Search... 

### Planning

> Joint Venture Plans

> State by BCR Plans

> Maps & GIS

> Focal Species

> Continental & Other Plans

### National & Other Plans

> North American Waterfowl Management Plan

> Partners In Flight

# Summit Outcomes

- Improve monitoring on breeding grounds
- Advance partnerships in Gran Chaco
- Expand research during migration & winter



©Brian Collins

# Breeding Habitat

- ✓ Protect last known WI site
- ✓ Plan for older jack pine in the future
- ✓ Brush removal pilot project



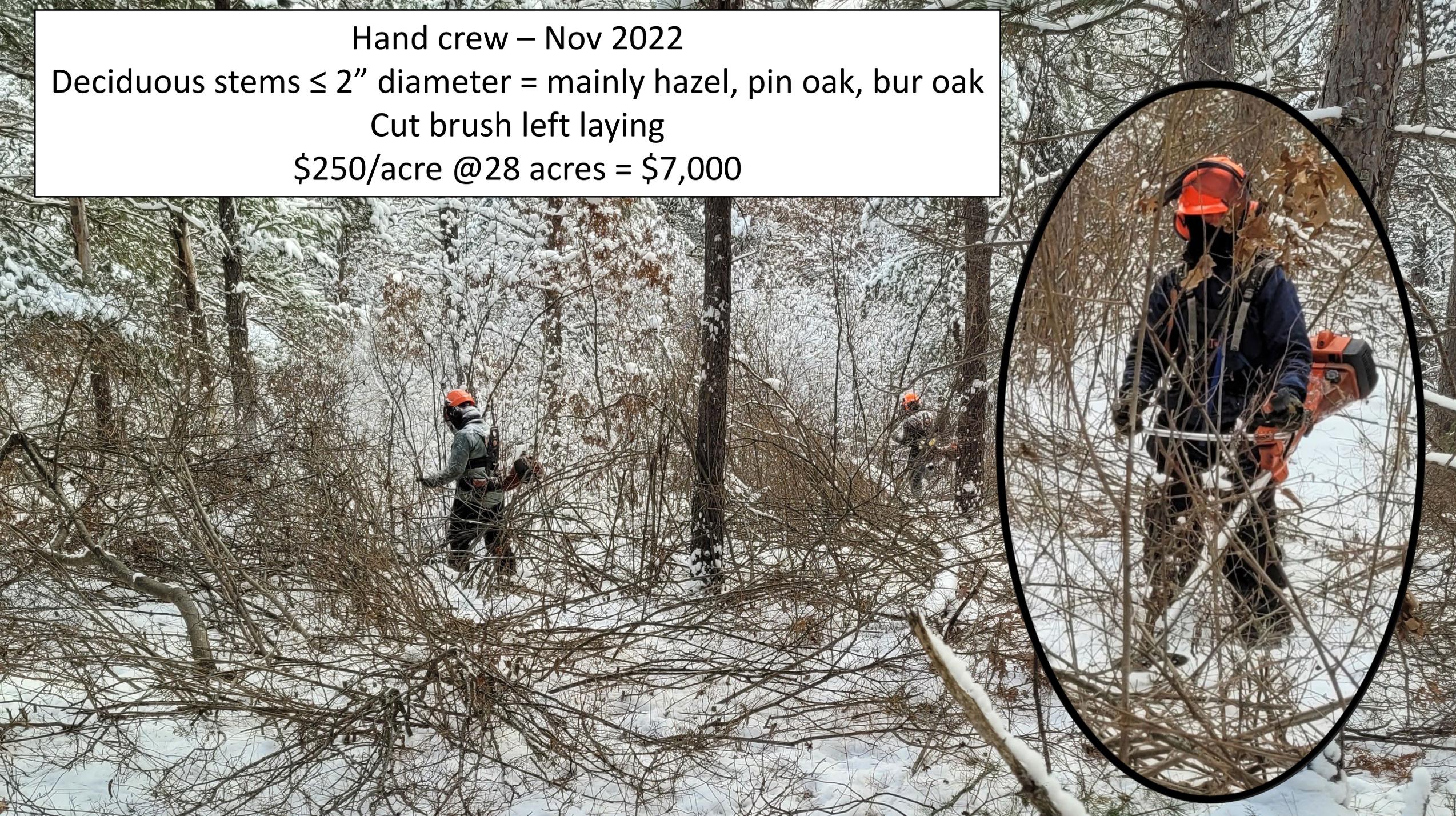


Hand crew – Nov 2022

Deciduous stems  $\leq 2''$  diameter = mainly hazel, pin oak, bur oak

Cut brush left laying

\$250/acre @28 acres = \$7,000



DECEMBER 2022



MAY 2023



JUNE 2023



- ✓ No CONW in 2023
- ✓ Not surprising given:
  - a) *Cut brush layer*
  - b) *Small stand with hard edges*
  - c) *Regional trends*
- ✓ May flatten brush with UTV in 2024

**\*\*\*Bigger goal was testing the management technique**

