

# **About Audubon**

1.9M

members and supporters

800+

staff

415

community chapters

11

#### countries

where Audubon works 15 state and regional U.S. offices

**31** conservation action centers

29 sanctuaries

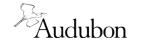












# An unprecedented partnership





#### **Consolidation of data for 458 Species**

#### **Tracking**

9,300 individuals of 184 species

# AMERICAN WHITE PELICAN Audubon

Data provided by numerous tracking data holders. Map produced by Audubon

## Connectivity: Banding, Motus, Genetics

4.2 million connections386 species



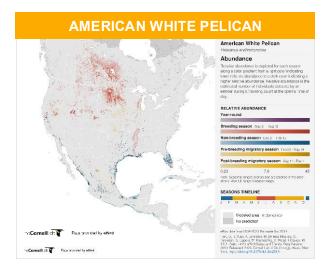
Data provided by USGS Bird Banding Laboratory, Motus, and Bird Genoscape Project. Map produced by Audubon

#### Ebird Status Abundance & Ranges

443 species

#### Birdlife International Ranges

458 species



Data and map provided by Cornell Lab of Ornithology





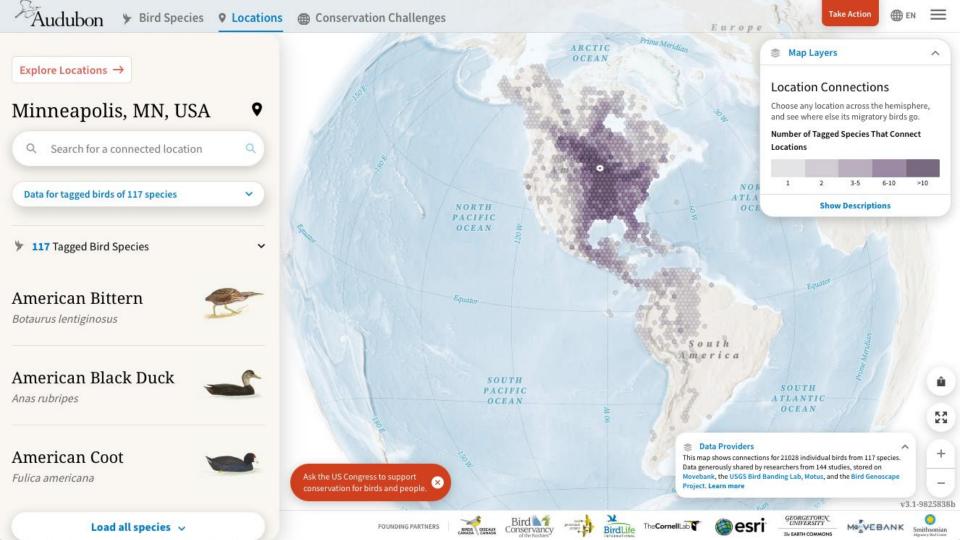
(English) birdmigrationexplorer.org



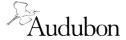
(Spanish) exploraves.org

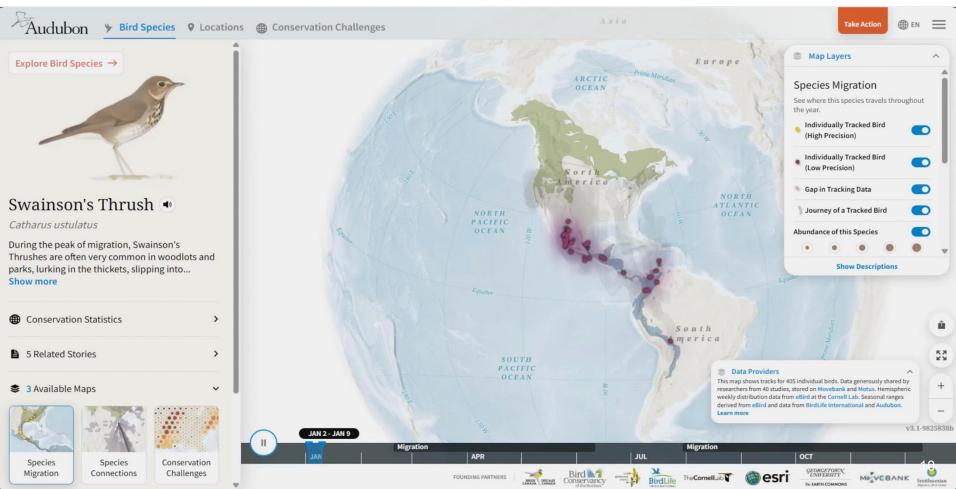




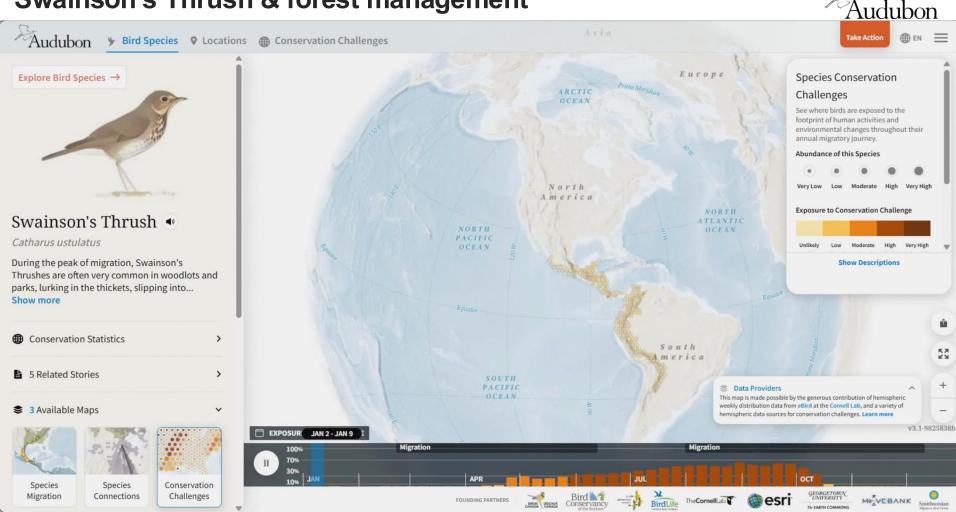


#### **Swainson's Thrush migration**





# **Swainson's Thrush & forest management**





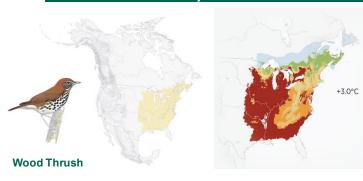
# Climate Strongholds: Mapping Priority Areas for



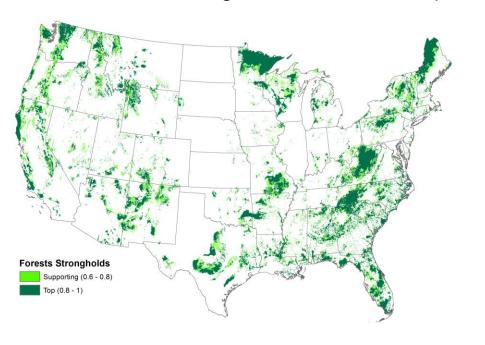
### Birds under climate change



**Projections** 



#### Forest Climate Strongholds: 287 forest bird species

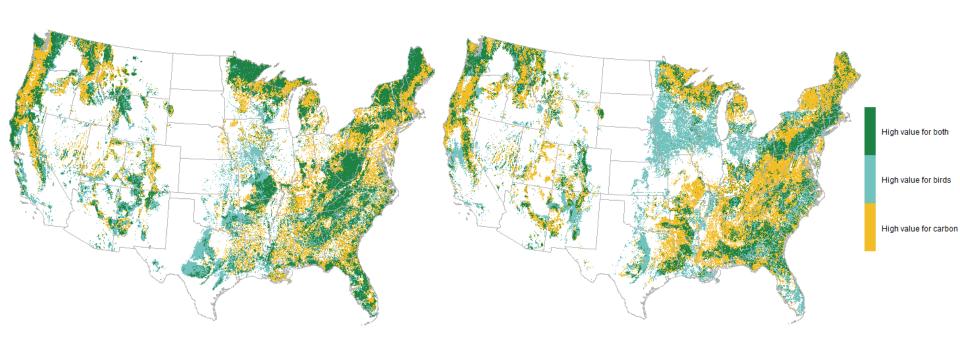




# Mapping priority areas for biodiversity and climate mitigation in forests

**Maintain existing forests** 

**Restore** degraded forests



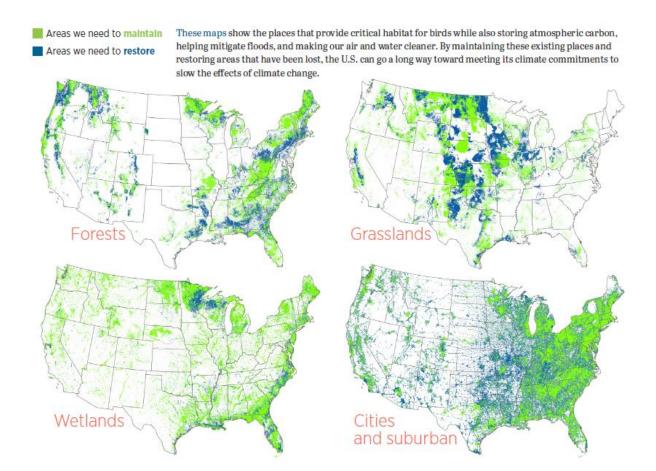
## Mapping priority areas for biodiversity and climate



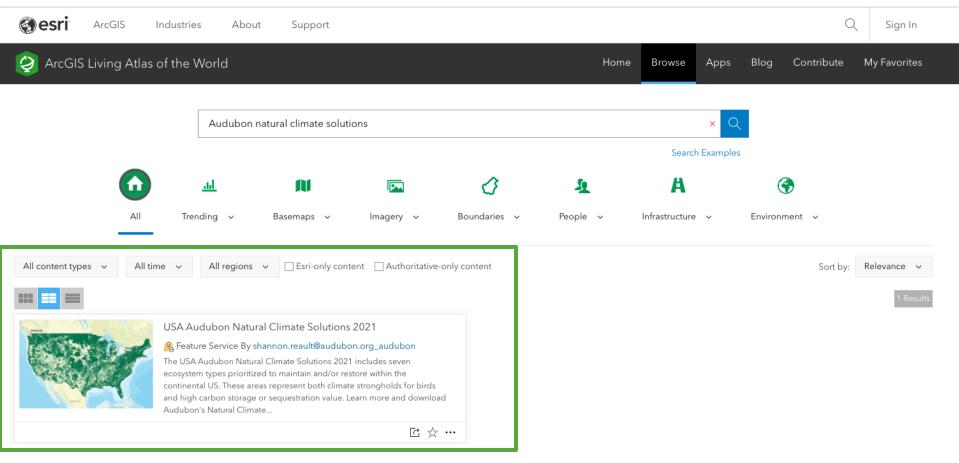
# mitigation

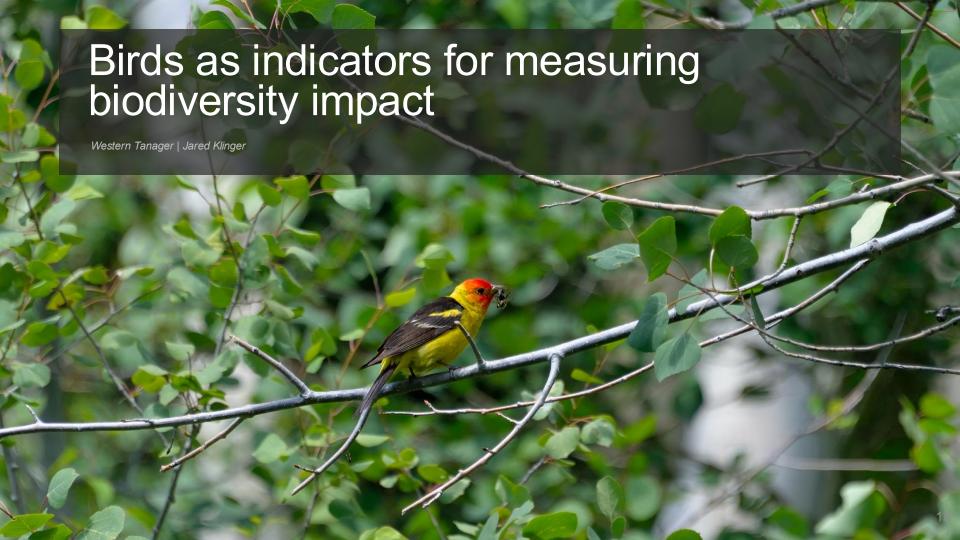


Citation: Bateman, BL, J Grand, JX Wu, SP Saunders, C Koseff, and CB Wilsey. 2021. Natural Climate Solutions Report: Maintaining and Restoring Natural Habitats to Help Mitigate Climate Change. National Audubon Society: New York.









# Audubon

# The Bird Friendliness Index: Making conservation accountable by measuring impacts of management actions.

#### WHAT IS THE BIRD-FRIENDLINESS INDEX?

A metric that measures the abundance, diversity, and resilience of a bird community.

BFI = ABUNDANCE



DIVERSIT

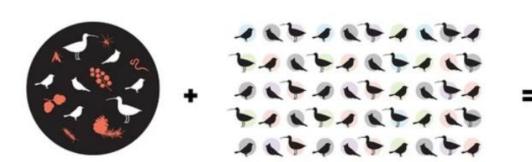


RESILIENC



#### WHAT DOES THE BFI TELL US?

Areas with higher abundance and more vulnerable birds support healthy communities. High functional diversity means communities are more stable and resilient.

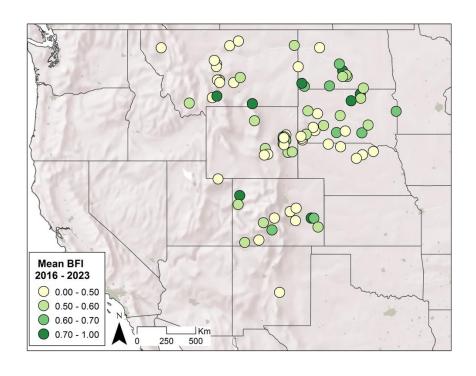






Audubon's Bird-Friendliness Index (BFI) shows that Conservation Ranching is benefitting grassland and aridland birds

Mean BFI on Conservation Ranches: 0.53 (0.52, 0.55)

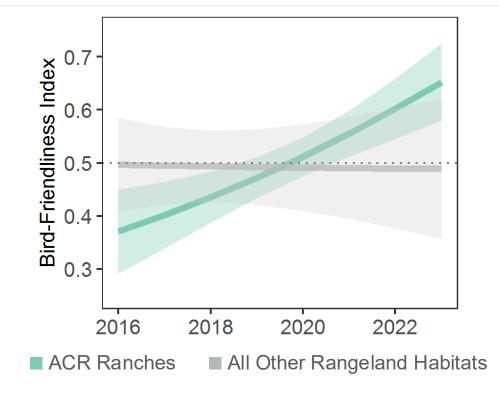




Audubon's Bird-Friendliness Index (BFI) shows that Conservation Ranching is benefitting grassland and aridland birds

**8.4% BFI increase** on ACR ranches annually

76% BFI increase on ACR ranches from 2016-2023







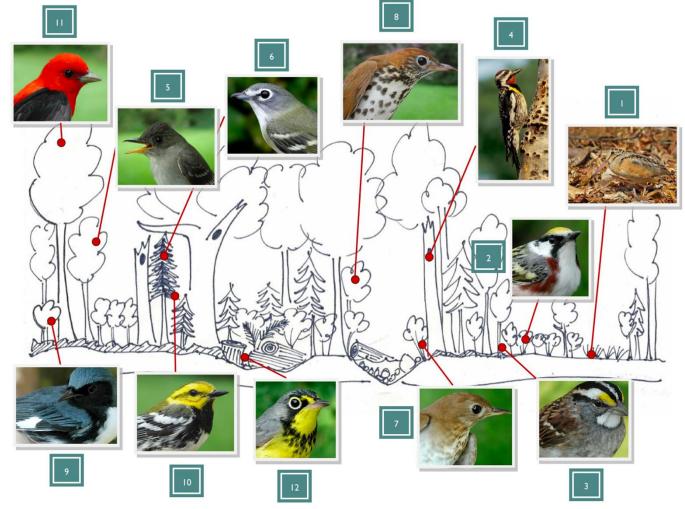
#### The Birder's Dozen

The Birder's Dozen is twelve of the 40 forest birds that the Audubon Vermont Forest Bird Initiative is working to protect. These twelve birds:

- Have a high percentage of their global breeding populations in our Northern Atlantic Forest.
- Use a variety of forest types and conditions for feeding and breeding. Most nest in complex, diverse mature forest habitats.
- Show serious, long-term declines in their global populations in the case of some species, including wood thrush and Canada warbler.
- · Are simple to identify by sight or sound.

We encourage you to get to know the Birder's Dozen and to explore your woods to find out who is residing there!

Bird photos provided courtesy of the Powdermill Avian Research Center, US Fish & Wildlife Service, Charley Eisman & Roy Pilcher.







Studying Bird Habitat Associations – Mississippi





American Podetert | Mathew Mahuetz 2020



# Key takeaways

Birds and maps are powerful tools for communicating the need for collaborative conservation across the hemisphere

Bird conservation aligns with nature-based solutions are a tool for climate mitigation

Birds are responsive indicators of conservation impact through metrics like the Bird Friendliness Index

Bird-friendly forestry is a mechanism for incorporating biodiversity outcomes into working lands

