

World Migratory Bird Day

Birds Connect Our World

Threats



Pesticides



Habitat loss



Pane glass

Conservation Actions

- Plant Native Flowers
- Keep Nectar Feeders Clean
- Make Windows Visible

Tracking Methods

- Citizen Science
- Banding



Calliope Hummingbird

Distribution Range



Fun Fact

The Calliope Hummingbird is the smallest bird in the USA and Canada!

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Threats



Falconry



Pesticides



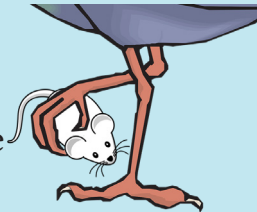
Urban Development

Conservation Actions

- Provide artificial nest boxes.
- Reduce pesticide use.
- Regulation for falconry.

Tracking Method

Tags attached to birds send signals to the satellites that orbit the Earth and provide the accurate location of the bird.



American Kestrel

Distribution Range



Fun Fact

Useful to humans, especially farm owners, because they eat pest species.

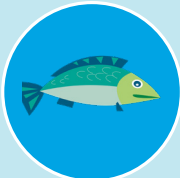
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Climate change



Overfishing



Urban development

Conservation Actions

- Reduce emissions and save energy to fight climate change.
- Prevent overfishing in our oceans.

Tracking Method

Geolocators use daylight to find this bird's location and track it across the globe.



Arctic Tern

Distribution Range



● Summer

● Winter

Fun Fact

This arctic breeder has the longest bird migration route on Earth, flying from pole to pole twice every year!



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Habitat loss



Plastic pollution

Conservation Actions

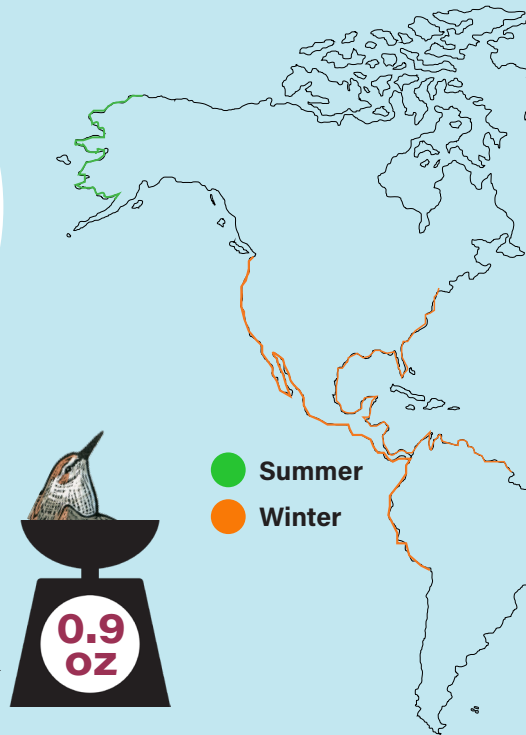
- Protect and restore wetland and coastal habitats.
- Reduce your plastic use!

Tracking Method

Numbered “flags” help to identify individual birds and track their journeys.



Distribution Range



Fun Fact

One of the smallest shorebird species in the Americas.

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Monocultures



Predators



Pesticides

Conservation Actions

- Support mixed crops and hedgerows.
- Restore native grasslands.
- Reduce pesticide use.

Tracking Method

Metal bands, each with a unique number, identify a bird each time it is recaptured.



Fun Fact

Very gregarious, may roost in flocks of up to 10,000 individuals



Fork-tailed Flycatcher

Distribution Range



- Summer
- Winter

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Pane-glass windows



Habitat loss

Conservation Actions

- Make windows visible to birds to avoid collisions.
- Plant corridors of native plants to avoid habitat fragmentation.

Tracking Method



Implantable microchips are perfect for smaller birds. The chip is activated when the bird flies by a special antenna.



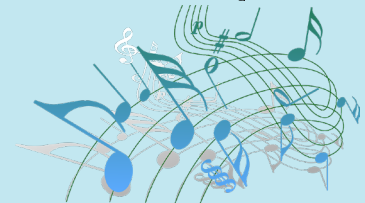
Yellow-breasted Chat

Distribution Range



Fun Fact

Chats mimic other birds and can have 40 to 100 melodies.



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Pesticides



Habitat loss



Urban development

Conservation Actions

- Reduce pesticide use to protect insect populations.
- Protect natural cavities where they nest.
- Support The Purple Martin Conservation Association.

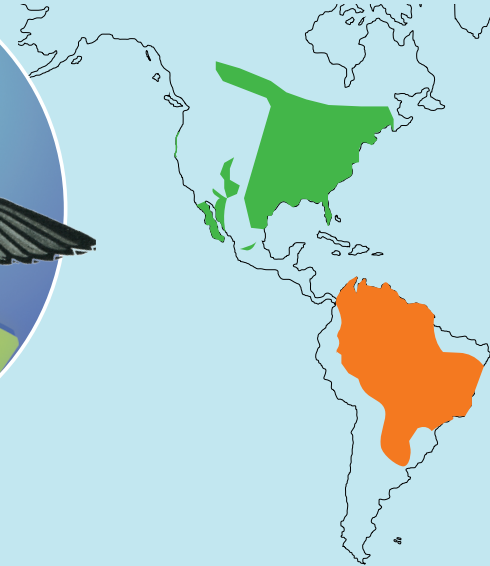
Tracking Method

The weather radar we use to learn about storms also detects birds, including Purple Martins that gather in large numbers.



Purple Martin

Distribution Range



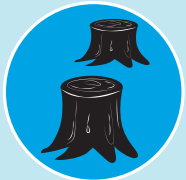
Fun Facts

- Largest North American swallows.
- Nest in existing cavities, either natural or artificial.



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Deforestation



Light pollution



Pesticides

Conservation Actions

- Choose bird friendly coffee, supporting farmers and habitat conservation.
- Turn off your lights at home.
- Reduce pesticide use to protect insect populations.



Tracking Method

- Bioacoustic and migration phenology using night calls records.



Canada Warbler

Distribution Range



Fun Fact

- Canada Warblers fly more than 3,000 miles from their wintering grounds in South America to their breeding grounds in the United States and Canada!

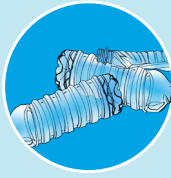
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Habitat loss



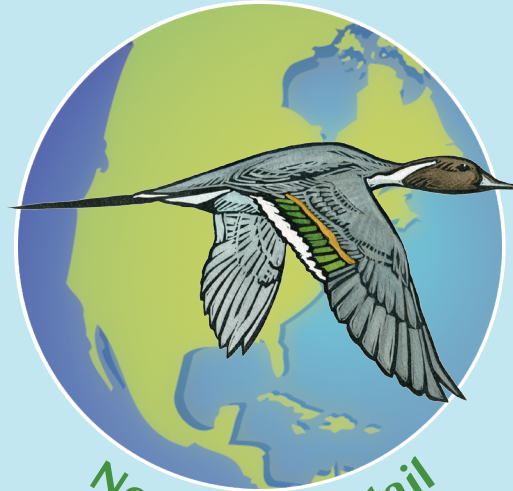
Plastic pollution

Conservation Actions

- Protect and restore wetlands.
- Remove plastics from wetlands and reduce your plastic use.

Tracking Method

Pintails are fitted with transmitters that signal this species' movements.



Northern Pintail

Distribution Range



Fun Facts

This duck is named for its central tail feathers that can be up to 4 inches long.



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Habitat loss

Conservation Actions

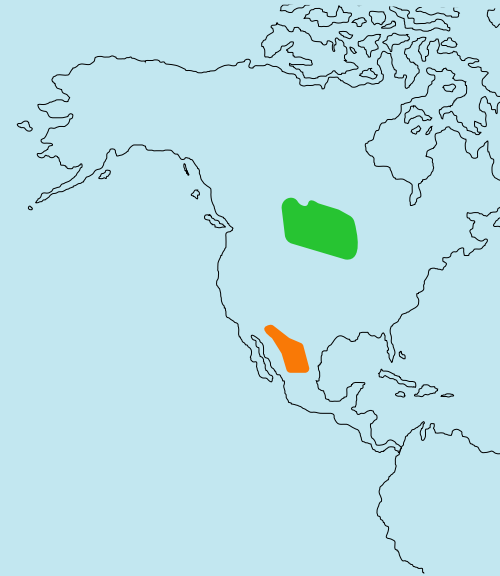
Restore native grasslands.

Tracking Method

Geolocators provide information about breeding, winter, and migration locations.



Distribution Range



● Summer
● Winter

Fun Facts

Escape pursuers by running rather than taking flight.

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Habitat loss



Human disturbance

Conservation Actions

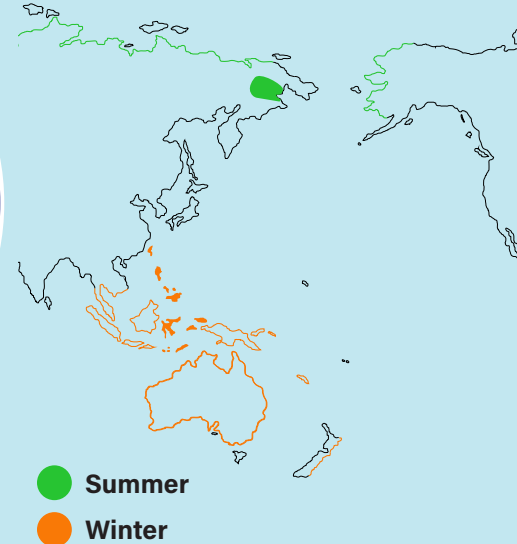
- Protect shorelines and wetlands.
- Keep your distance to help resting, feeding, nesting, and migrating birds.

Tracking Method

Satellite telemetry revealed its incredible journey.



Distribution Range



Fun Facts

This species holds the world record for non-stop flight - 6,835 miles (11,000 km) in 8 days!

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Collisions



Pesticides

Conservation Actions

- Avoid harming owls by reducing your speed, especially at night.
- Owls eat rodents. Don't use poisons that will move up the food chain.

Tracking Method

GPS tags collect data about an owl's location but must be retrieved to access the information.



Barn Owl

Distribution Range



● Year Round

Fun Facts

The Barn Owl is one of the most widely distributed owls.