## The State of Canada's Birds





### BIRDS TELL US ABOUT THE HEALTH OF OUR WATER, AIR, AND LAND WE NEED TO LISTEN AND ACT



### Birds are culturally and economically important to us all.

They contribute to our economy through bird watching and hunting. They help keep our forests and farms healthy by eating pests.

Healthy water, air, and land for birds benefits us by:

- reducing flooding and erosion
- filtering our groundwater
- increasing our property values
- providing homes for wildlife
- providing us with the space to enjoy nature

Birds are an **integral** part of our lives and a **voice for nature**. We cannot let their voices be silenced.

#### Conservation works when it is integrated with our economy, policies, and daily lives.

What is good for birds is good for us. We need to keep our water, air, and land clean by finding innovative alternatives to pesticide use and single-use plastics.

**Birds need space to live.** We need to protect critical lands and waters in Canada and beyond, and reduce the threats to birds from human activities globally by using beneficial practices in forestry, agriculture, fisheries, oil and gas production, urban and coastal development, and other activities.

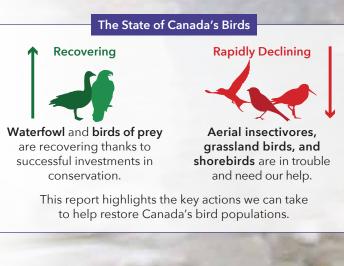
**Future generations of Canadians need nature.** We must demand action from politicians, policy makers, and industries to address the causes and effects of climate change, and support organizations that help conserve birds and their habitats.

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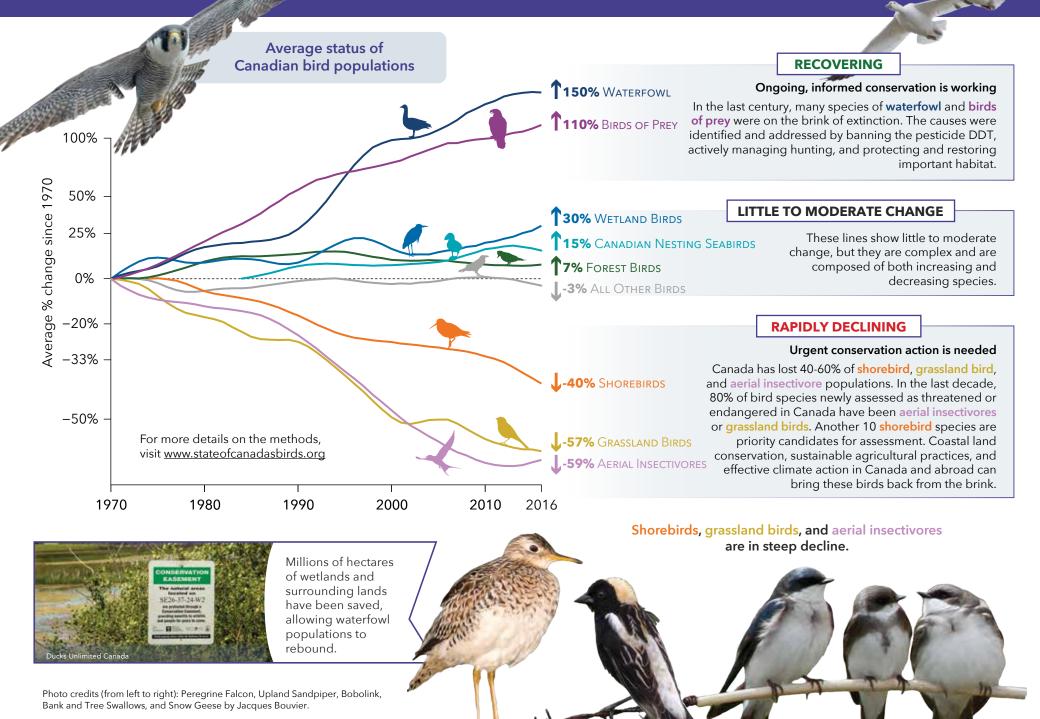
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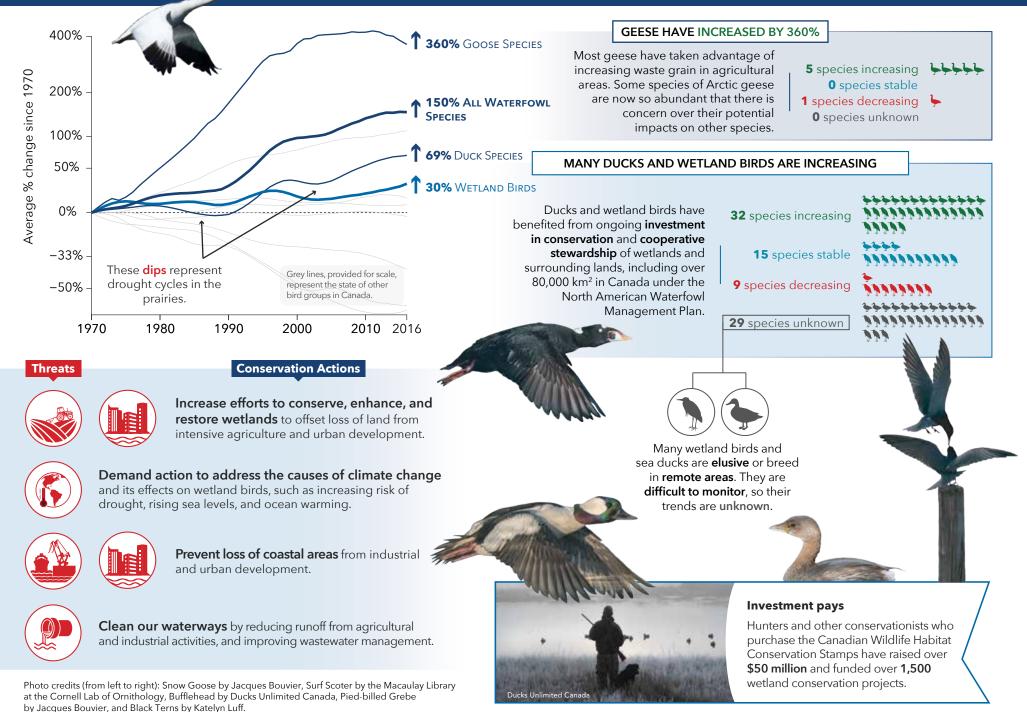




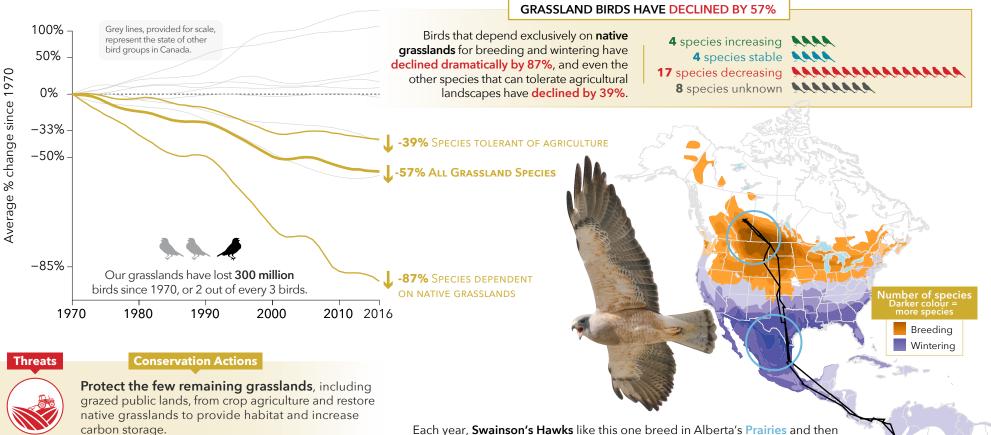
## THE STATE OF CANADA'S BIRDS



### WATERFOWL AND WETLAND BIRDS CONSERVATION PARTNERSHIPS WORK



### **GRASSLAND BIRDS** ARE RUNNING OUT OF TIME





**Support sustainable range-fed beef**, which includes beneficial hay and pasture management.



**Protect the water and land** by seeking innovative alternatives to broad-scale pesticide use.



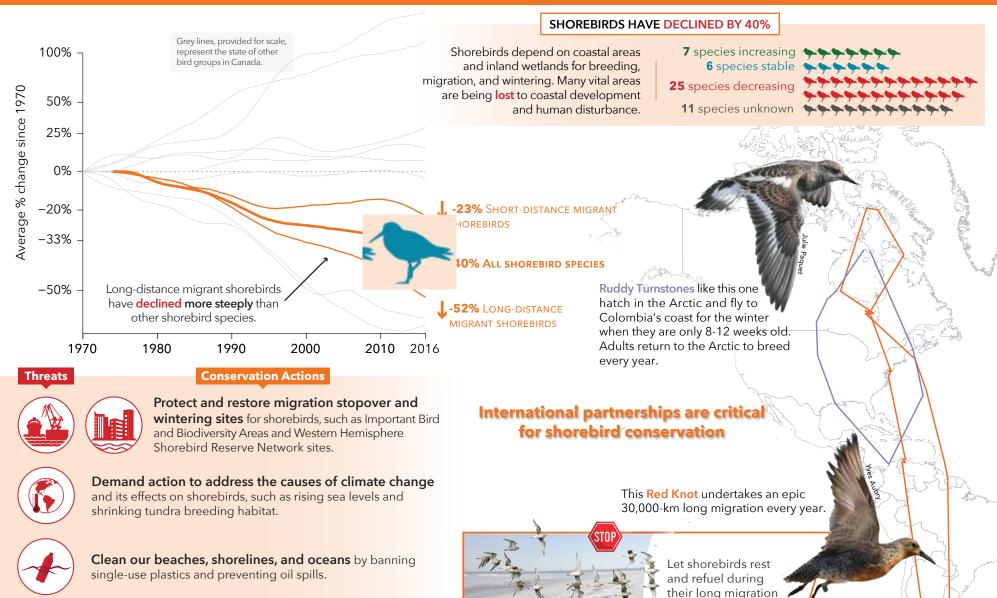
Demand action to address the causes of climate change and its effects on grasslands, such as increasing erosion, frequency and severity of drought and flooding, and risk of wildfire. Each year, **Swainson's Hawks** like this one breed in Alberta's **Prairies** and then fly south, often passing through key grassland wintering regions in Mexico, such as the **Chihuahuan grasslands**, and eventually to Argentina's **Pampas grasslands**. **International partnerships are key** to protecting these three areas from being converted to irrigated crops, as they are critically important to grassland birds that depend on intact native grasslands.



**Beneficial grazing** on public and private lands is critical for the creation and maintenance of grassland bird habitat.

Movement data courtesy of Kochert et al. 2011. doi.org/10.1525/cond.2011.090243. Condor. 113: 89-106 and Fuller et al. 1998. DOI: 10.2307/3677162 J.of Avian Biol. 29:433-440. Photo credit: Swainson's Hawk by the Macaulay Library at the Cornell Lab of Ornithology.

### SHOREBIRDS ARE LOSING GROUND



Address unsustainable shorebird harvest along migratory routes and at wintering sites through international and domestic partnerships.

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by keeping dogs on Jeashes, and minimizing

other types of disturbance.

### **SEABIRDS** A GLOBAL CONSERVATION CRISIS

95% OF CANADIAN SEABIRDS ARE IN TROUBLE WORLDWIDE

Canadian seabirds include species that nest in Canada, and species that nest elsewhere but rely on our waters to feed. A global assessment<sup>1</sup> shows that **55** of the **58** seabird species that use Canadian waters are of **conservation concern**.



20 species are at risk of extinction35 species are of conservation concern3 species are of low concern

### MANY OF OUR SEABIRDS HAVE UNKNOWN POPULATION TRENDS

Of the seabirds that we can monitor in Canada, some populations have increased while others have decreased. However, 62% of Canadian seabirds have unknown trends, as they nest outside Canada or in remote areas of the Arctic. This is why it is important to also consider the global assessment in the state of Canada's seabirds.

7 species increasing
10 species stable
5 species decreasing
36 species unknown

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This **Sooty Shearwater** bred in the Falkland Islands, and wintered off Canada's east coast.

This Short-tailed Albatross hatched in Japan and wintered off Canada's west coast.

### Threats

**Conservation Actions** 

**Clean our oceans** by banning single-use plastics and preventing oil spills.

**Demand action to address the causes of climate change.** Breeding colonies are being destroyed by more frequent storms and rising sea levels, and changing ocean conditions are causing seabird food supplies to decline.

Work domestically and cooperate internationally to promote sustainable fishing and reduce the risk of birds being caught in fishing gear.

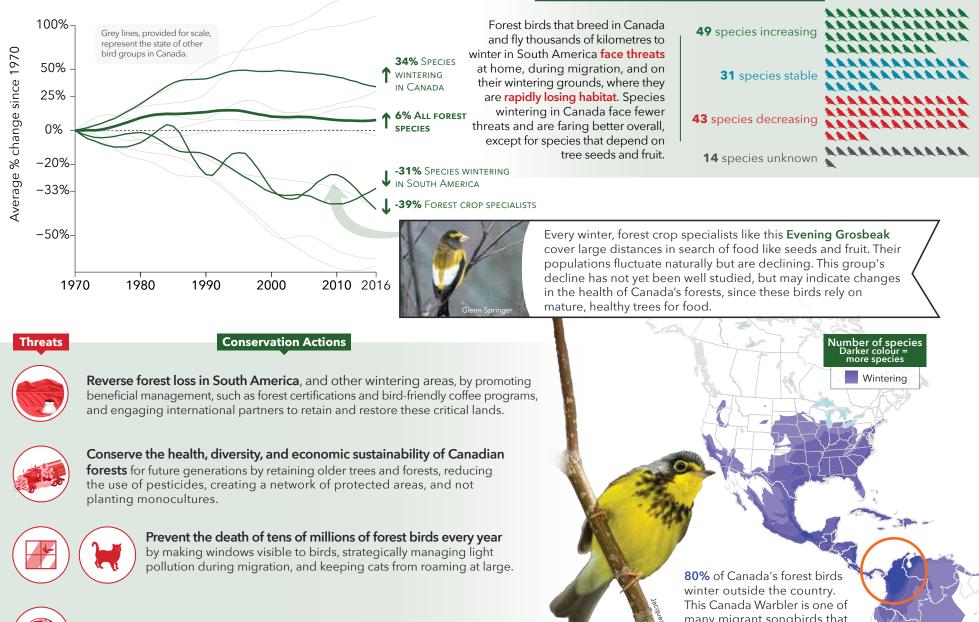
**Protect breeding colonies** by eradicating invasive species like rats that prey on seabirds.

Over **80%** of Arctic-nesting Northern Fulmars have plastic in their stomachs.

Movement data for the Short-tailed Albatross courtesy of Orben et al. 2018. Endang. Species Res. 35: 23-37. doi.org/10.3354/esr00864 and Deguchi, et al. 2014. Oryx. 48: 195-203. doi.org/10.1017/S0030605313000094. Movement data for the Sooty Shearwater courtesy of Hedd et al. 2012. Mar. Ecol. Prog. Ser. 449: 277-290. doi.org/10.3354/meps09538. <sup>1</sup>Partners in Flight. 2019. Avian Conservation Assessment Database, version 2019. Available at pif.birdconservancy.org/ACAD. Photo credits (from left to right): Atlantic Puffin and Razorbill by Carina Gjerdrum, Short-tailed Albatross, Sooty Shearwater, and Northern Fulmars by the Macaulay Library at the Cornell Lab of Ornithology.

### **FOREST BIRDS** CONSERVATION WITHOUT BORDERS

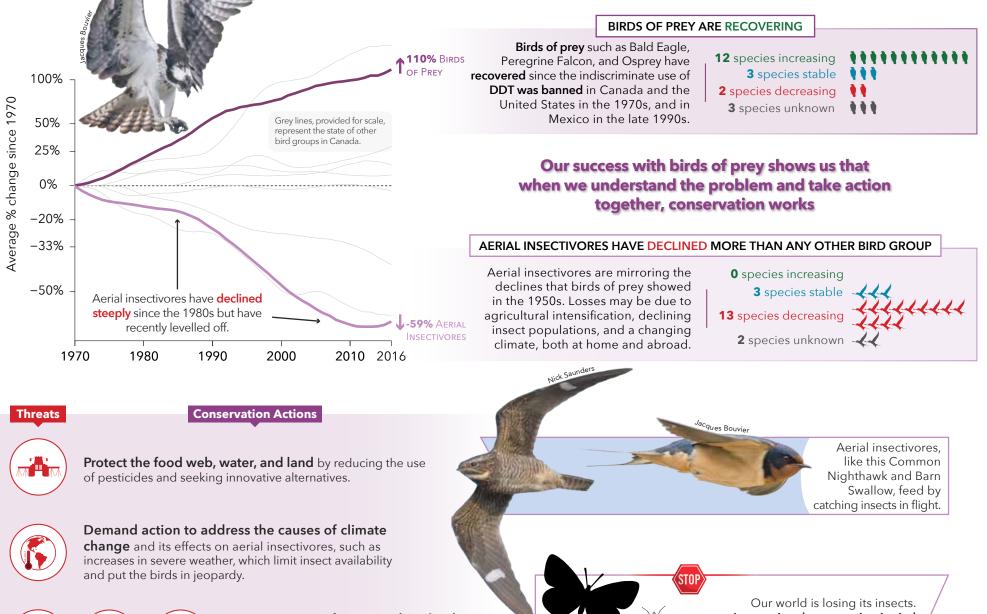




**Demand action to address the causes of climate change** and its effects on forest birds, such as increasing insect epidemics and forest fires.

80% of Canada's forest birds winter outside the country. This Canada Warbler is one of many migrant songbirds that winters in this part of South America, where much of the native forest has been cleared.

# BIRDS OF PREY AND AERIAL INSECTIVORES



Protect pastures, forests, and wetlands, which are important roosting sites and feeding

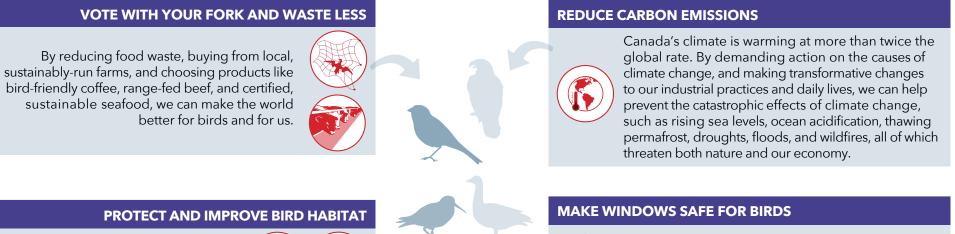
grounds, from development, pollution, and crop agriculture.

Our world is losing its insects. International cooperation is vital to reverse the loss of insects that birds and humans rely on.

### WHAT'S GOOD FOR BIRDS IS GOOD FOR US

Our economy and well-being depend on the health of our environment. Conservation works when it is integrated into our economy, policies, and daily lives. Through forward-thinking policies, industrial practices, and individual actions, we can work together to conserve birds.

### Birds are under pressure, but here's what we can do to help





By making the windows on our homes, skyscrapers, and businesses more visible to birds, we can save the lives of millions of birds each year.

#### **KEEP CATS FROM ROAMING AT LARGE**

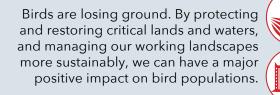


By keeping cats and wildlife apart, we can save the lives of tens of millions of birds each year.

#### **ELIMINATE INVASIVE SPECIES**



By removing invasive species, like rats on islands that prey on seabirds and other ground-nesting birds, we can save entire breeding colonies.

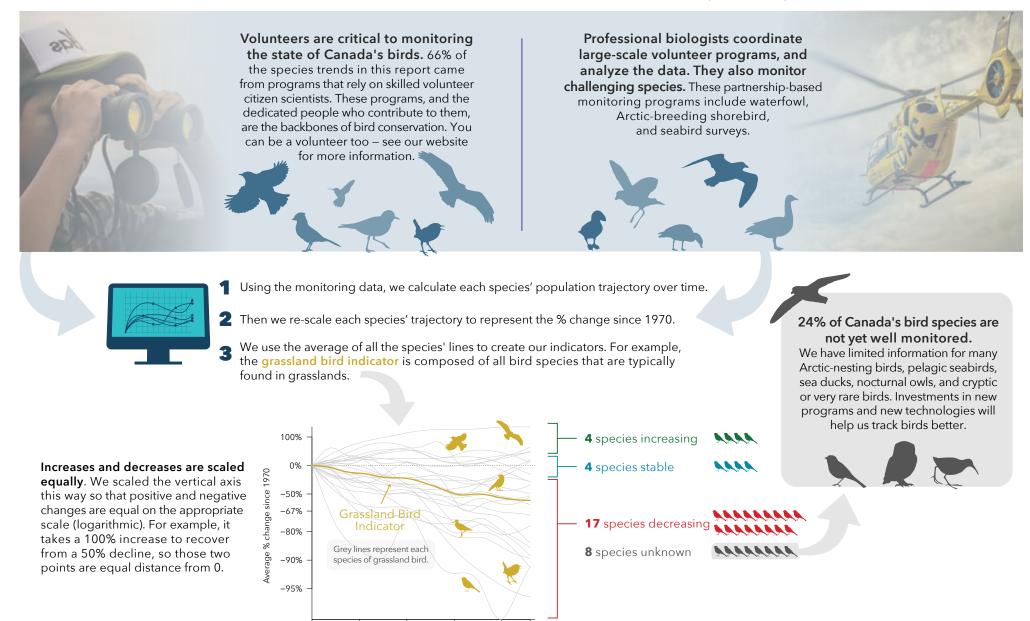


### **REMOVE PLASTICS AND CONTAMINANTS FROM NATURE**

Birds are showing us that our environment is polluted. By seeking innovative alternatives to pesticide use, and banning single-use plastics, we can protect the quality of our water, air, and land for birds and people.

### CANADIANS ARE MONITORING THE STATE OF CANADA'S BIRDS

Birds are excellent indicators of the health of our water, air, and land, and we have been monitoring most bird species since the 1970s.



1970

1980

1990

2000

2010 2016

#### Acknowledgements

This report was prepared on behalf of the North American Bird Conservation Initiative Canada (NABCI Canada) by a steering committee that included members from Environment and Climate Change Canada (ECCC), Bird Studies Canada (BSC), Nature Canada (NC), and Ducks Unlimited Canada (DUC)

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Photo credit: Solitary Sandpiper by Glenn Springer.

The North American Bird Conservation Initiative (NABCI) in Canada is a coalition of federal, territorial and provincial governments, non-government and industry organizations, working in partnership with the United States and Mexico to protect, restore, and enhance North American bird species and their habitats. NABCI-Canada's goal is to deliver the full spectrum of bird conservation in Canada, through regionally-based, biologically-driven, landscape-oriented partnerships.

