

madison

AUDUBON



society



**Bird
Migration
in
Wisconsin**



What is migration?

Which birds migrate and *Why*?

How do birds migrate?



What is migration?

Seasonal movement of animals from
one place to another

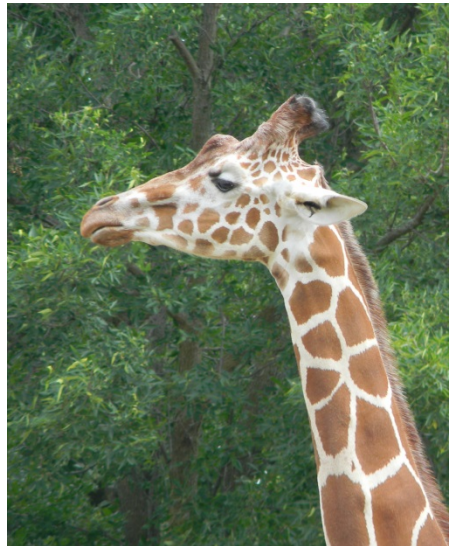
What is migration?

Seasonal movement of animals from
one place to another



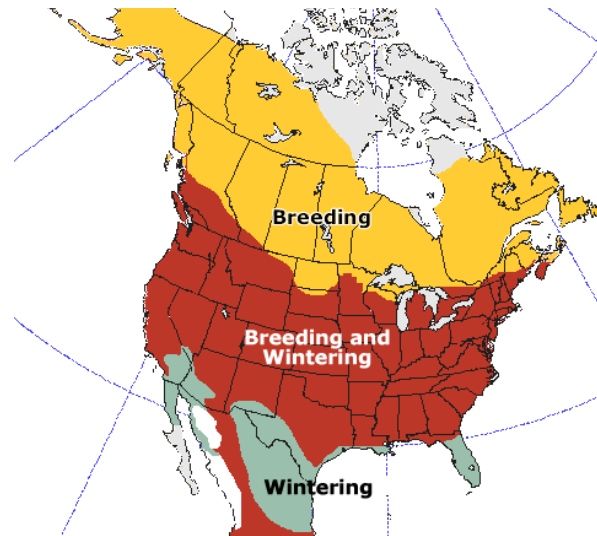
What is migration?

Seasonal movement of **animals** from one place to another

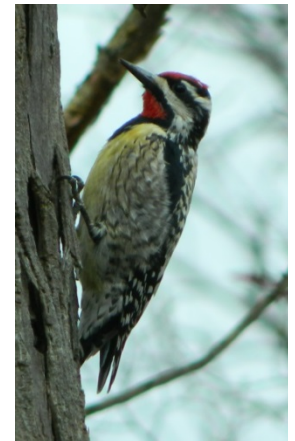


What is migration?

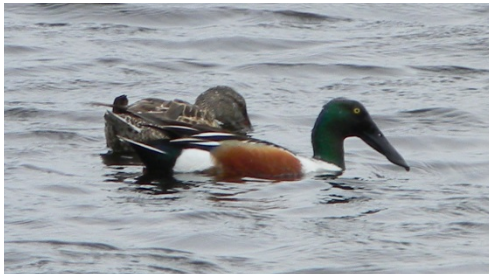
Seasonal movement of **animals** from
one place to another



Which birds *don't* migrate?



Which birds *do* migrate?



When do birds migrate?

- Spring and Fall
- Spring migration is quick: birds need to get back to start nests!



When do birds migrate?

- Spring and Fall
- Fall migration is slower: birds all have different reasons for leaving.



Why do birds migrate?

Why leave their summer home in the fall?





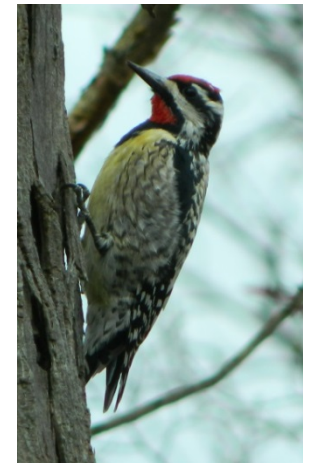
Why do birds migrate?

Birds have a problem:

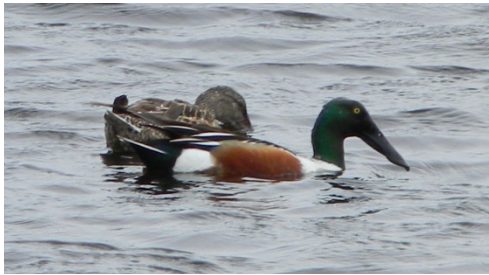
- Changing food resources
- Changing weather

Solutions ?

Solution: Adapt (local residents)



Solution: Move (migrants!)



Why do birds migrate?

Why do they come back in the spring?



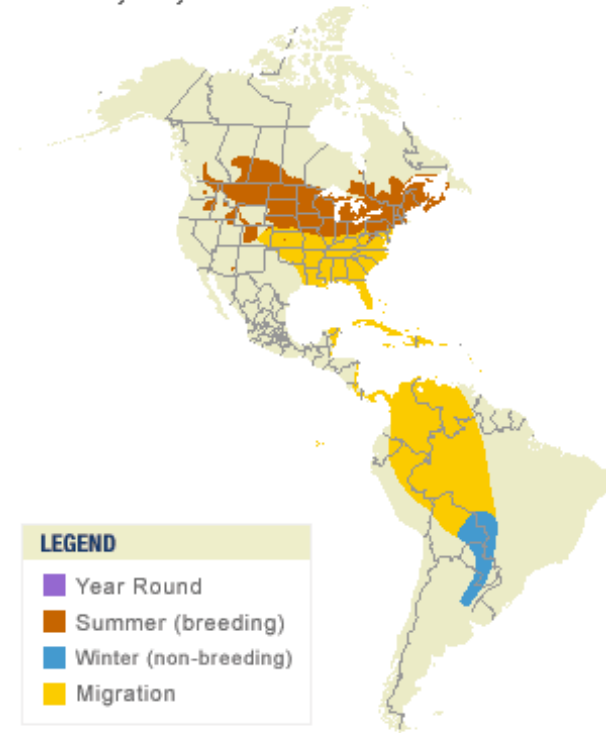


How far do birds migrate?

Long distance migrants:
eat insects or fruit



Bobolink
Dolichonyx oryzivorus



Map by Cornell Lab of Ornithology
Range data by NatureServe

How far do birds migrate?

Short distance migrants: only travel as far as they need to



Photo: BJ Byers



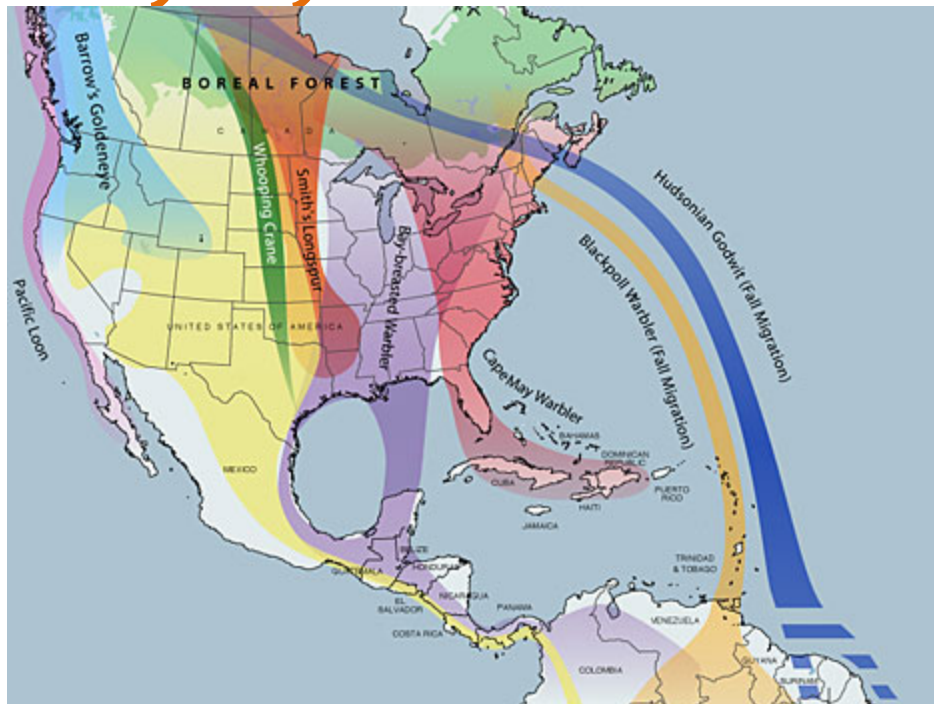
How far do birds migrate?

Irruptive migrants: only move when they can't find food



How do birds migrate?

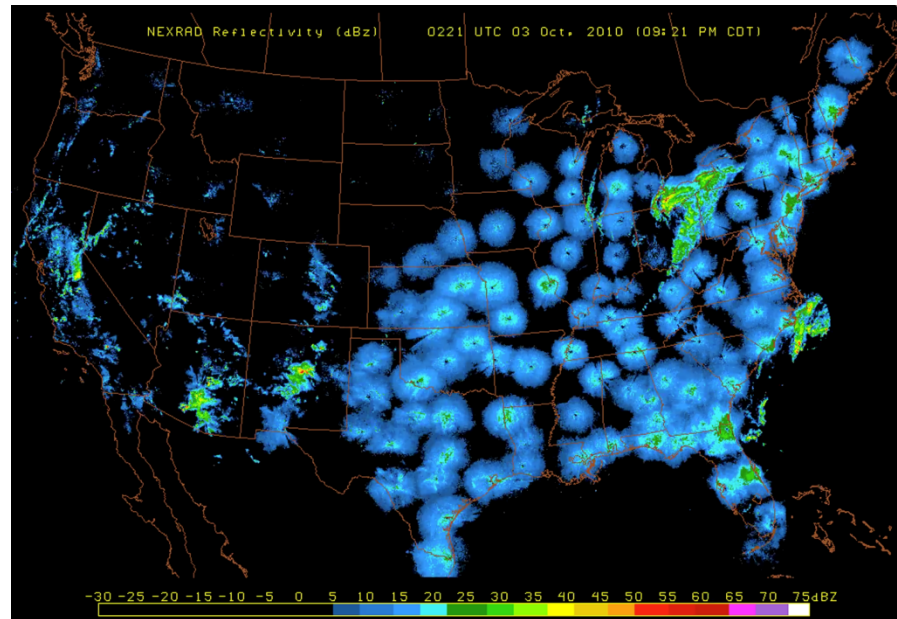
Migration flyways: follow land or water



How do birds migrate?

Nocturnal Migrants

Star compass



NEXRAD radar mosaic, 3 October 2010, Cornell Lab of Ornithology

How do birds migrate?

Diurnal Migrants

Sun compass



How do birds migrate?

Before migration: birds fatten up!



Photo: Vancouver Avian Research Centre

Top Photo: Bethany Goodrich
Bottom Photo: David Aborn

How do birds migrate?

Migratory stopovers



Migration can be **dangerous!**



Migration can be **dangerous!**

- Exhausting



Migration can be **dangerous!**

- Exhausting
- Predators



Migration can be **dangerous!**

- Exhausting
- Predators
- New territory



Migration can be **dangerous!**

- Exhausting
- Predators
- New territory
- Humans: buildings, windows, hunting



What can we **do**?

Prevent birds from hitting windows



Photo: Susan Spear © Cornell Lab of Ornithology



Photo: Jeanne Donaldson



What can we **do**?

Make your yard a migratory stopover site!





Tell your friends!

Migration is: **Seasonal** movement of **animals**
from **one place to another**

- Birds migrate for access to resources
- Local, long-distance, irruptive
- Navigate using land, sun, stars



Mystery Bird: Migration Trivia



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Mystery Bird: Migration Trivia

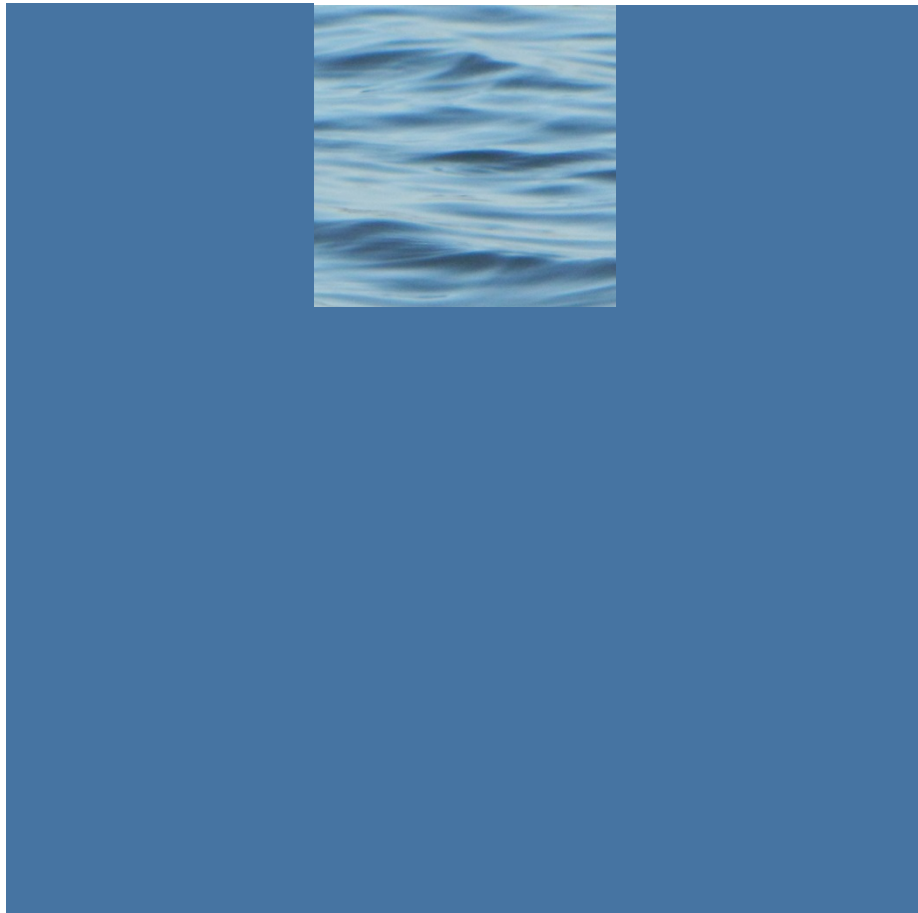




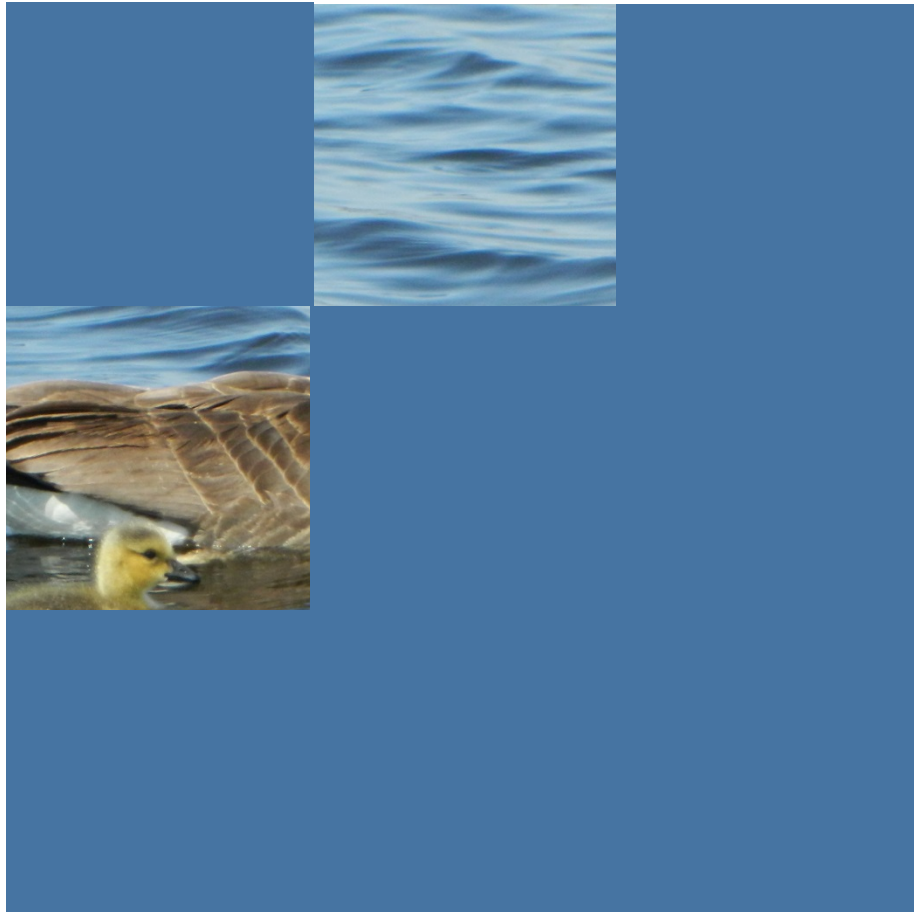
Mystery Bird: Migration Trivia



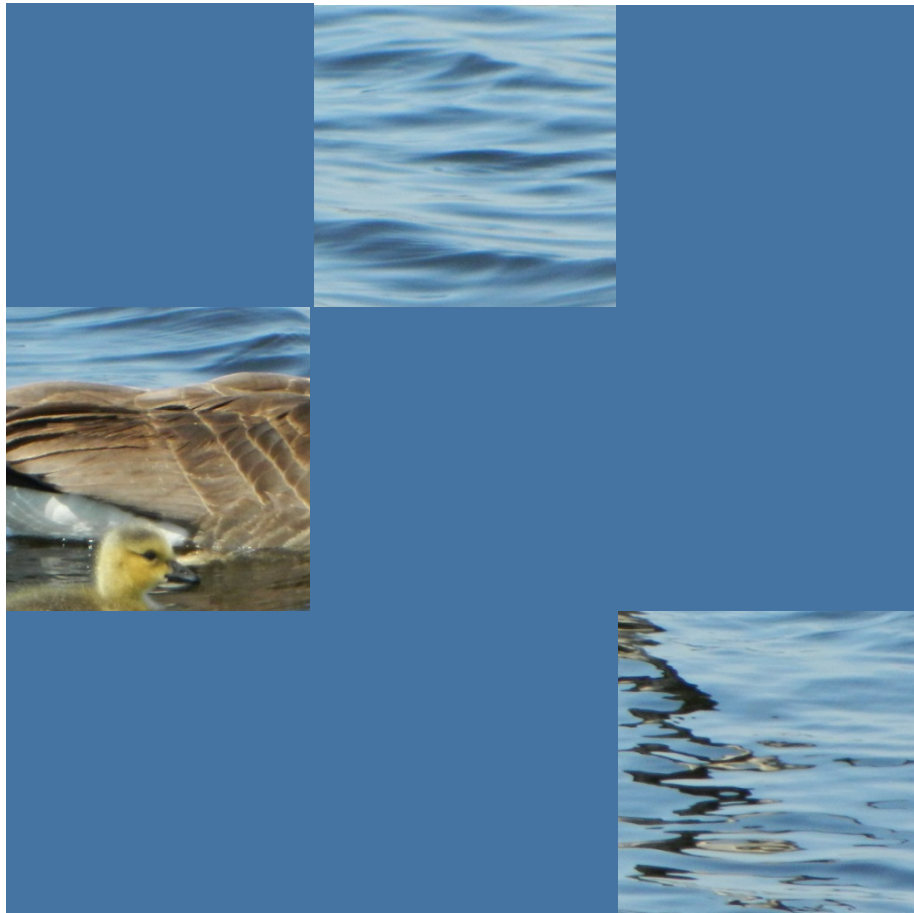
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Mystery Bird: Migration Trivia



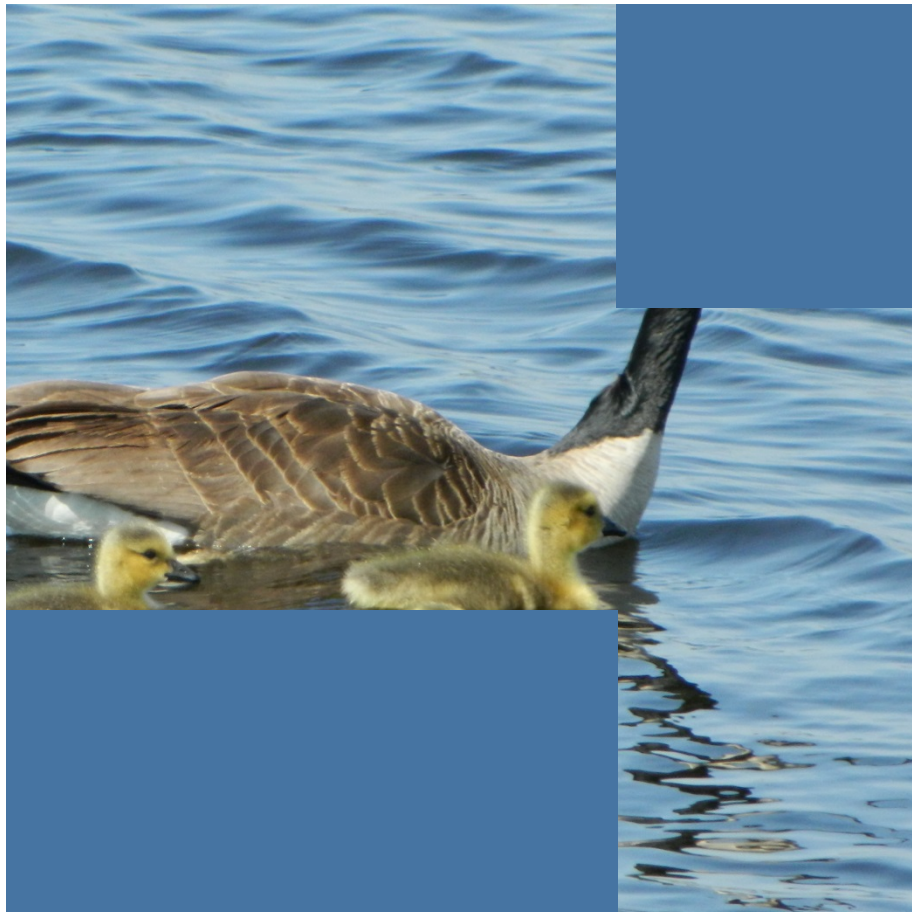
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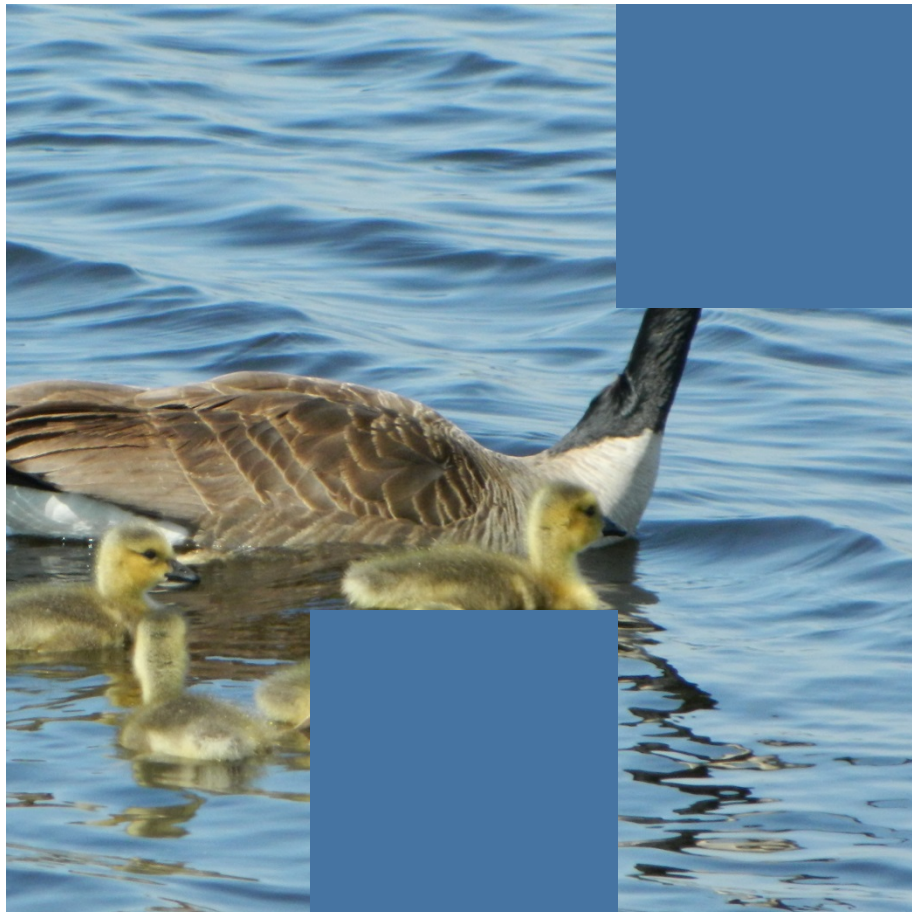
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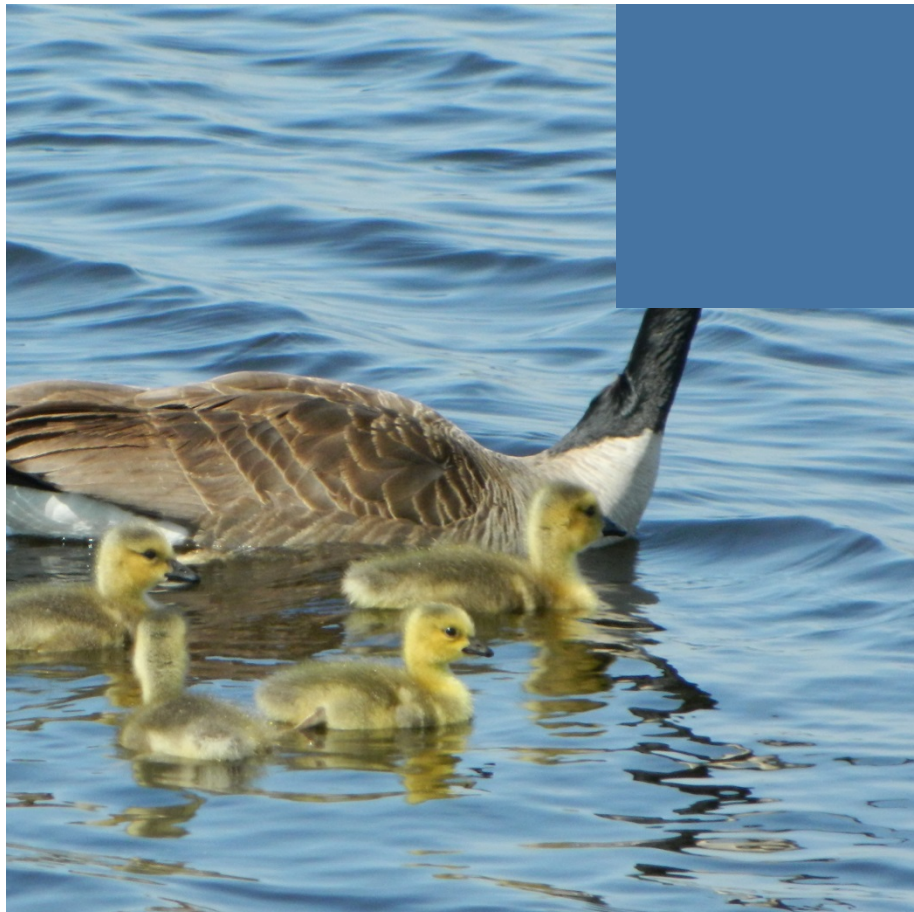
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