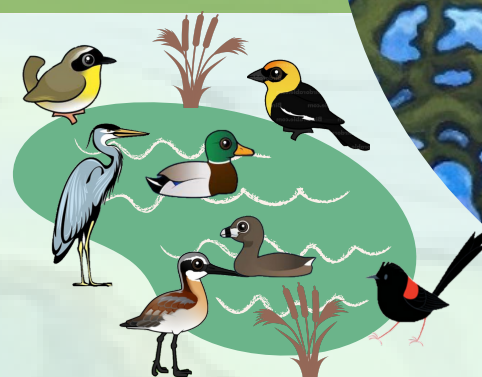


BIODIVERSITY & WETLANDS WHEN SIZE MATTERS MOST!

Small wetlands pack a punch, with higher bird diversity & abundance by area

We can measure bird diversity by counting the number of birds of each species on each pond.



Artwork by
Cam Forrester

Wetland complexes are made up of different sized ponds.

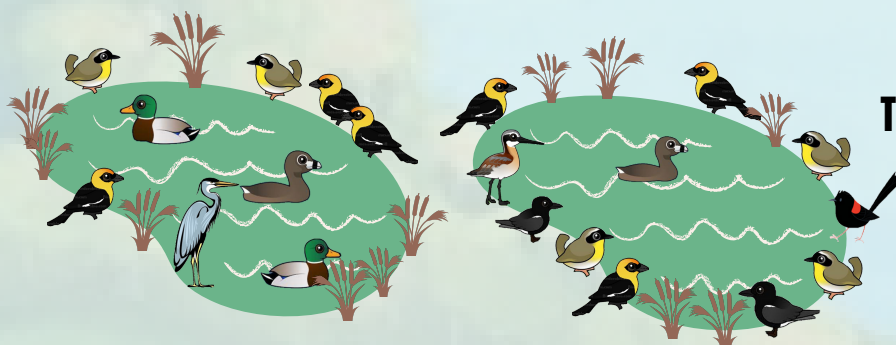
Small
ponds



Total pond surface area
=
4 x 4 acres

Bird abundance & species numbers both increase with wetland size, but at a decreasing rate.

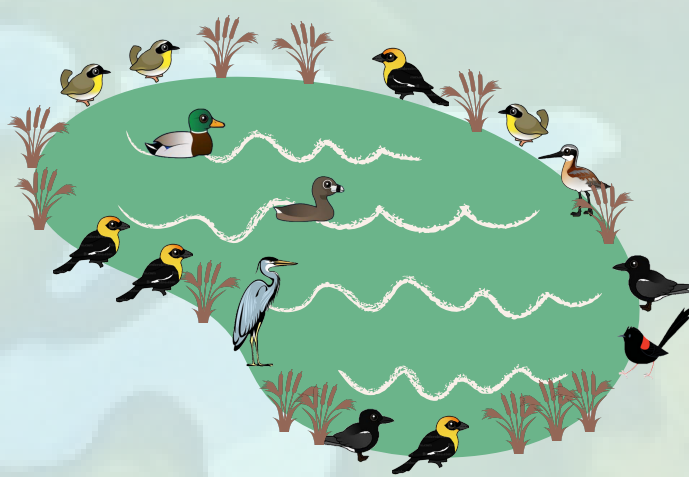
Medium
ponds



Total pond surface area
=
2 x 8 acres

All sizes of wetland are needed for prairie biodiversity, but...

Large
ponds



Total pond surface area
=
1 x 16 acres

...Smaller wetlands have greater relative bird abundance & diversity than larger wetlands



Where birds go, other flora and fauna follow.
**SMALL WETLANDS ARE A KEY COMPONENT OF
PRAIRIE BIODIVERSITY**

Read the science here:

<https://tinyurl.com/Bartzen-et-al-2017>

<https://tinyurl.com/Bidwell-et-al-2014>

<https://tinyurl.com/Elliot-et-al-2020>



PRAIRIE WATER
GLOBAL WATER FUTURES

