



Digital Commons@

Loyola Marymount University
LMU Loyola Law School

Module 11: Bird Migration

Urban EcoLab

April 2021

PowerPoint - The Pine Siskin

Center for Urban Resilience

Follow this and additional works at: <https://digitalcommons.lmu.edu/urbanecolab-module11>



Part of the [Ecology and Evolutionary Biology Commons](#), [Environmental Education Commons](#), [Sustainability Commons](#), and the [Urban Studies and Planning Commons](#)

Repository Citation

Center for Urban Resilience, "PowerPoint - The Pine Siskin" (2021). *Module 11: Bird Migration*. 6.
<https://digitalcommons.lmu.edu/urbanecolab-module11/6>

This Lesson 5: Observing Seasonal Expression of Migratory Behavior in Pine Siskins is brought to you for free and open access by the Urban EcoLab at Digital Commons @ Loyola Marymount University and Loyola Law School. It has been accepted for inclusion in Module 11: Bird Migration by an authorized administrator of Digital Commons@Loyola Marymount University and Loyola Law School. For more information, please contact digitalcommons@lmu.edu.

The Pine Siskin (*Spinus pinus*)

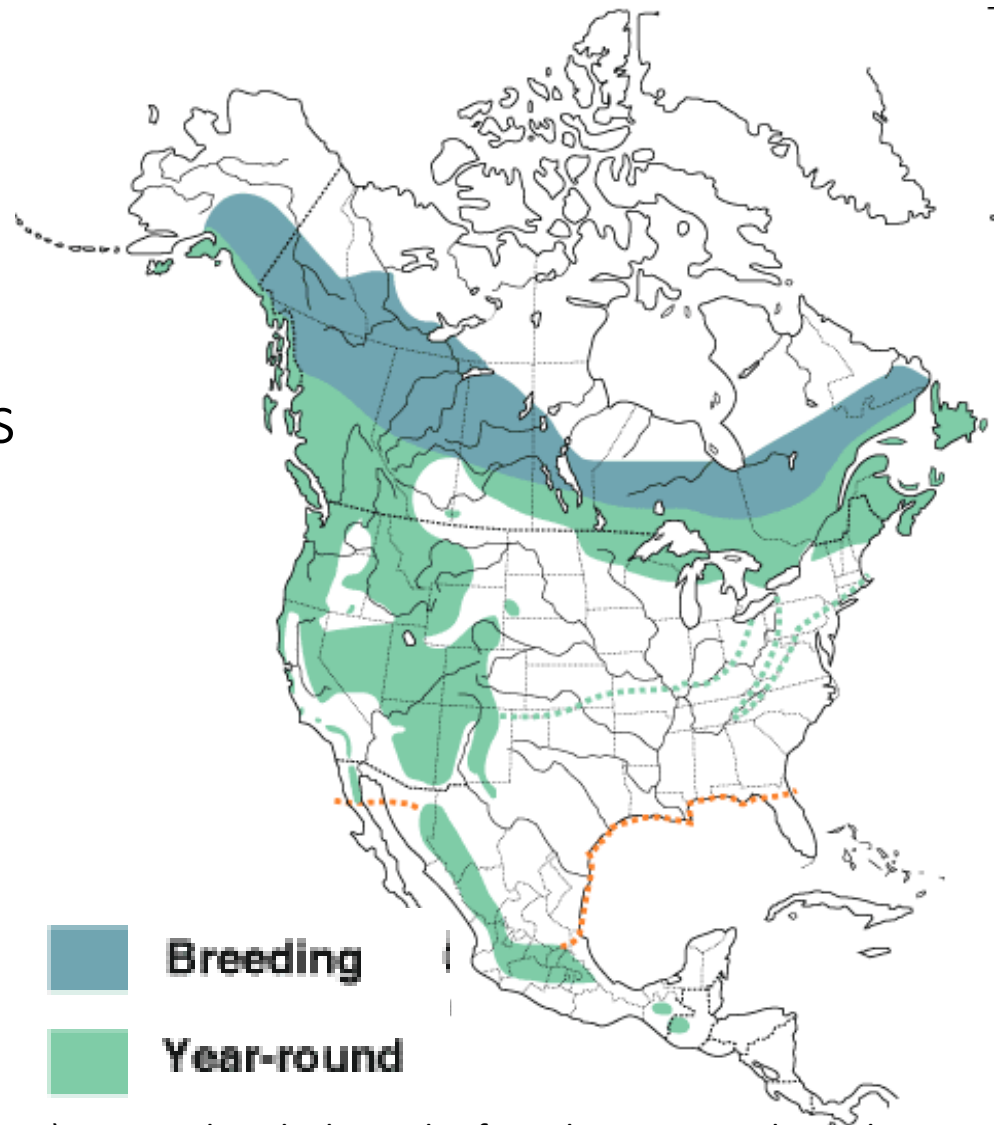


Key science vocabulary

- Migration
- Facultative migration

Where are pine siskins found?

- Found in North America
- Lives mostly in coniferous forests, but can be found elsewhere



Map from: Dawson, W. R. 2014. Pine siskin (*Spinus pinus*) in A. Poole, ed. The Birds of North America Online. Ithaca, Cornell
<http://bna.birds.cornell.edu/bna/species/280>.

What do pine siskins eat?

- Seeds, especially seeds of conifer trees (e.g., pines)
- Also insects
- Will visit bird feeders



Migration

- The movement of an animal between regions (habitats or home ranges) that are further than an animal would travel as part of its normal daily routine
- Typically takes animals between a breeding location and non-breeding location or wintering ground
- Many migrations are *seasonal*, happening in the spring (to breeding grounds) and fall (to wintering grounds)

Facultative migration

- Migrations that happen less predictably, often in response to changes in food availability, are called facultative migration
- Facultative migrations may be unpredictable in the direction and distance that animals move. They can also be unpredictable in the timing of when they occur.

Pine siskins are facultative migrants

- They don't migrate to the same place each year
- They don't migrate at the same time each year