## Review of Terrestrial and Marine Birds

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## **Objectives**

- Review list of priority species for monitoring.
- Identify geographic locations for sampling in Alaska.

## **Priority species**

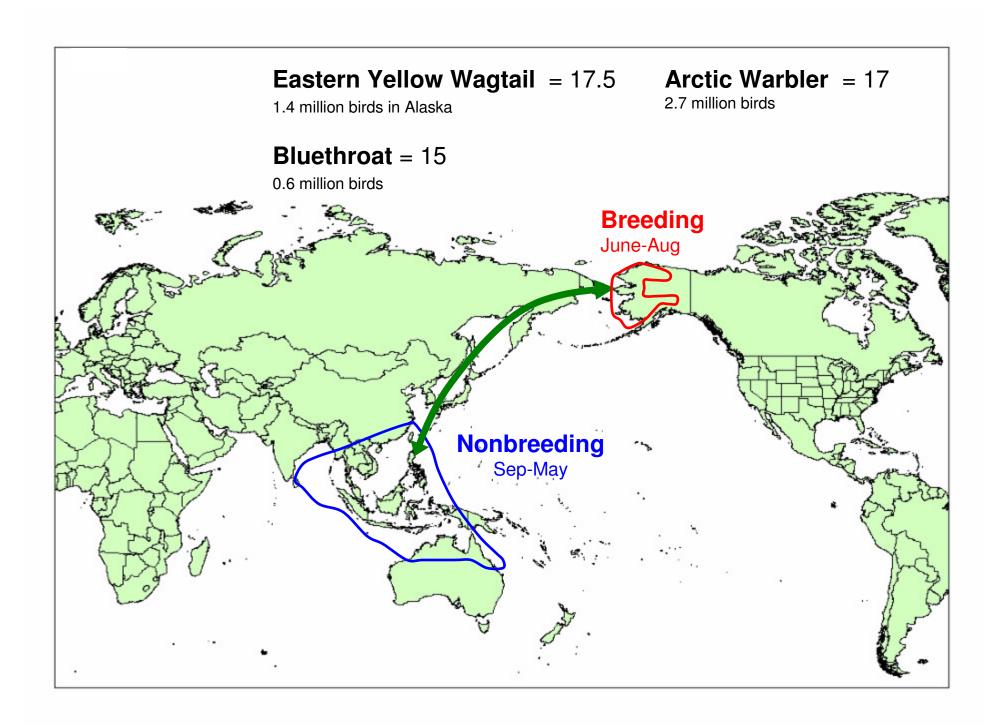
Terrestrial birds		Marine birds	
Eastern Yellow Wagtail	17.5	Aleutian Tern	13.0
Arctic Warbler	17.0	Black-legged Kittiwake	12.0
Bluethroat	15.0	Glaucous Gull	11.5
Northern Wheatear	14.0	Glaucous-winged Gull	10.5
Gray-cheeked Thrush	12.0	Pelagic Cormorant	8.0
Gyrfalcon	8.5		

## **Priority species**

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Gyrfalcon	8.5		

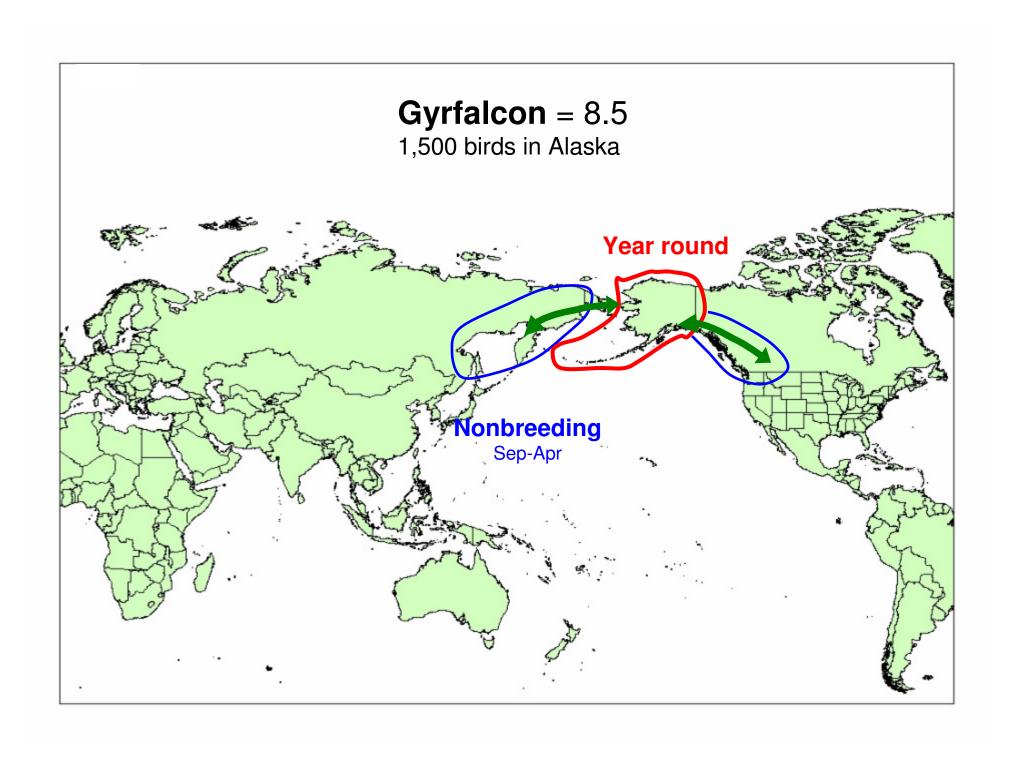
## Species priorities: terrestrial birds

Species	Score
Eastern Yellow Wagtail	17.5
Arctic Warbler	17.0
Bluethroat	15.0
Northern Wheatear	14.0
Gray-cheeked Thrush	12.0
Gyrfalcon	9.5

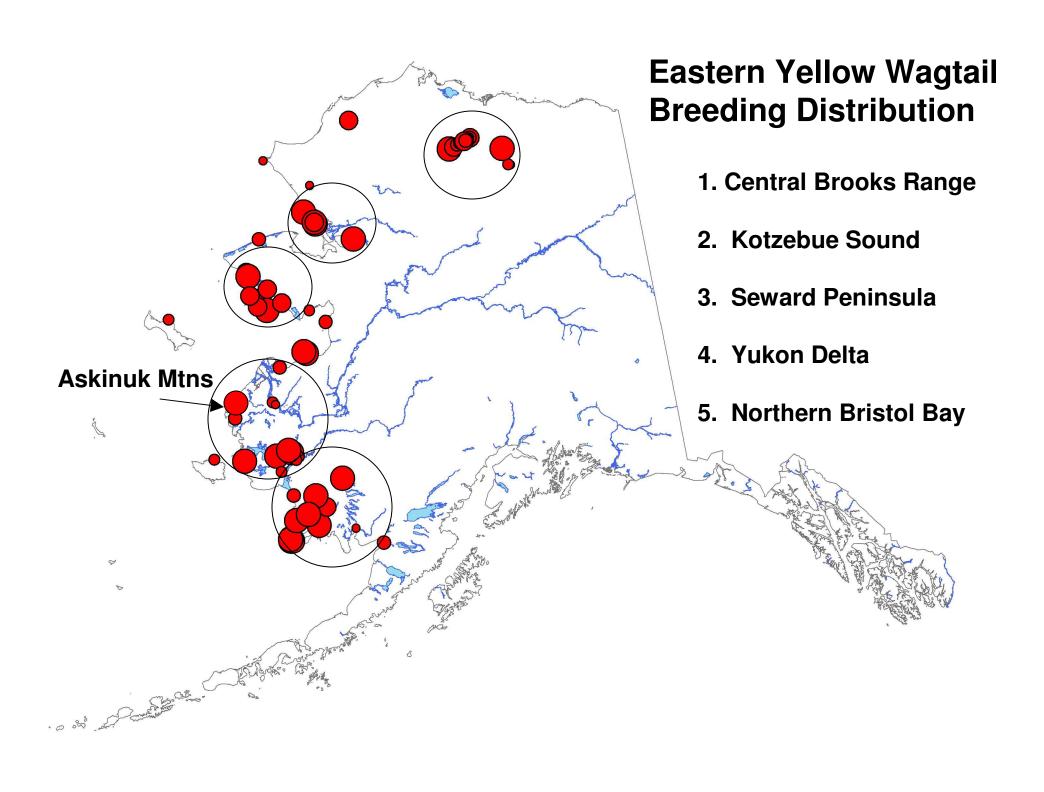


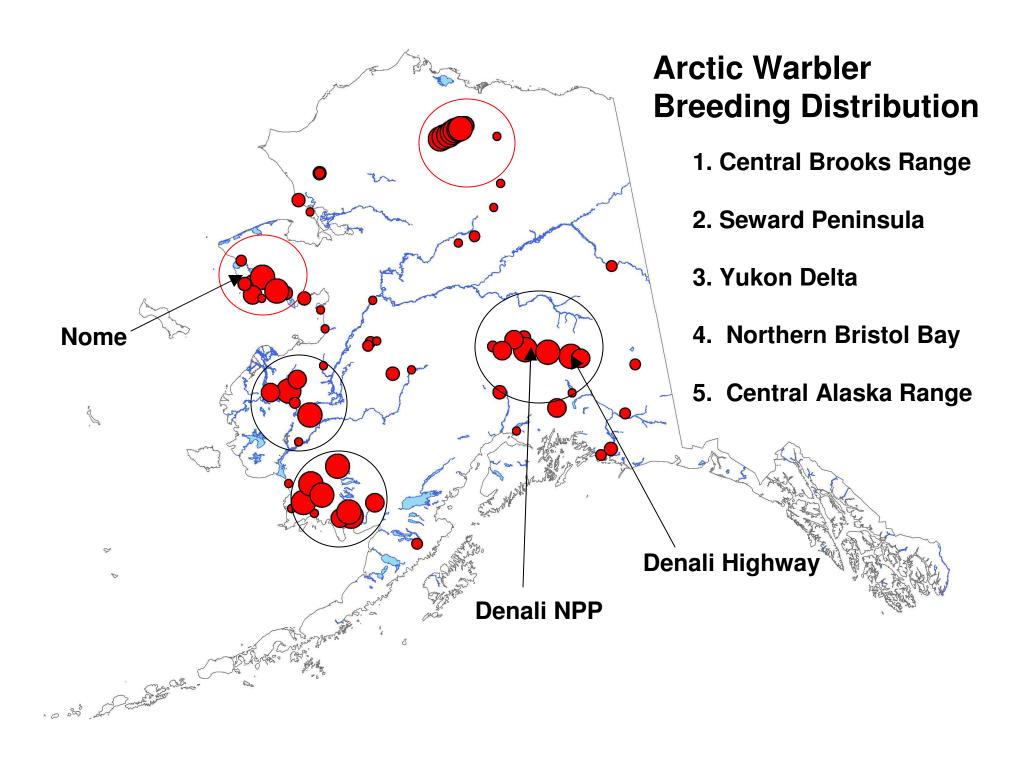
# **Northern Wheatear** = 14 0.5 million birds in Alaska **Breeding** May-Aug **Nonbreeding** Sep-Apr

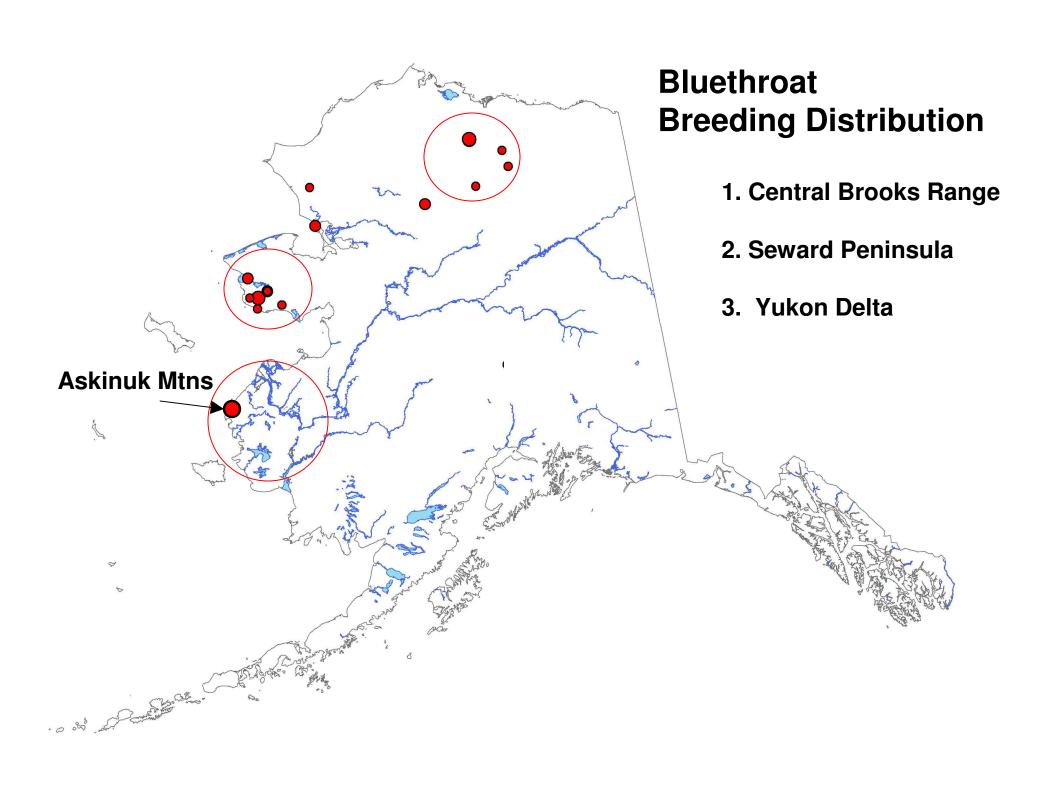
# **Gray-cheeked Thrush** = 12 5 million birds in Alaska **Breeding** May-Aug Nonbreeding Sep-Apr

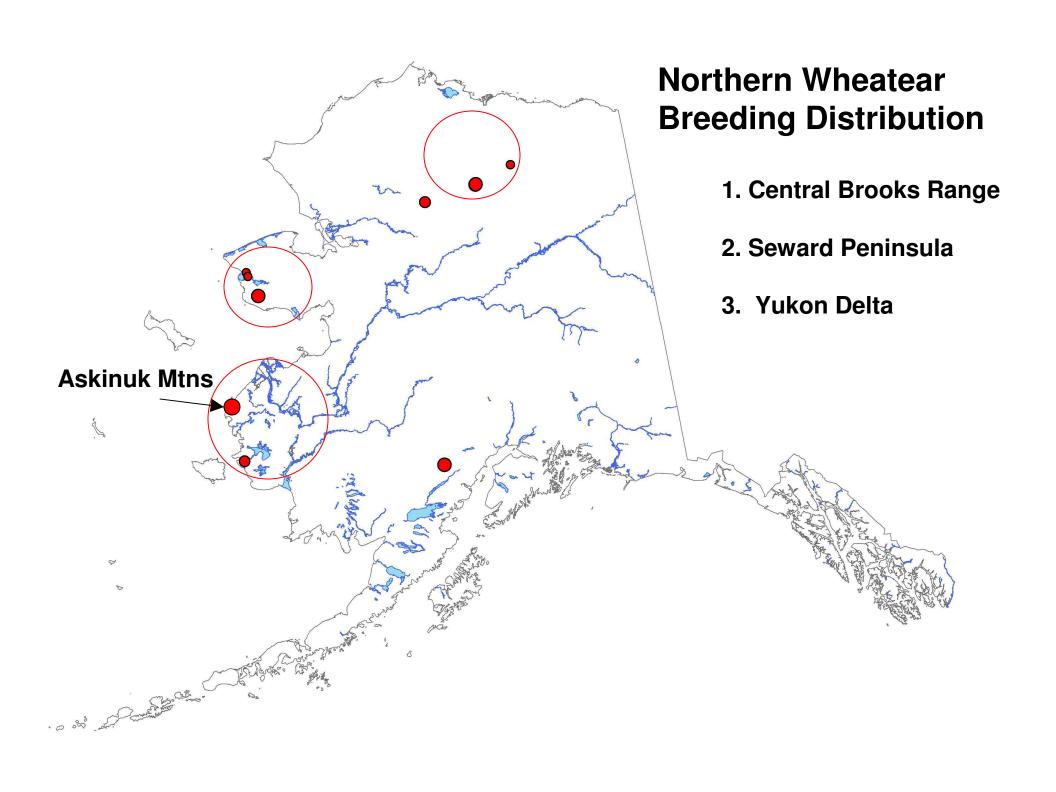


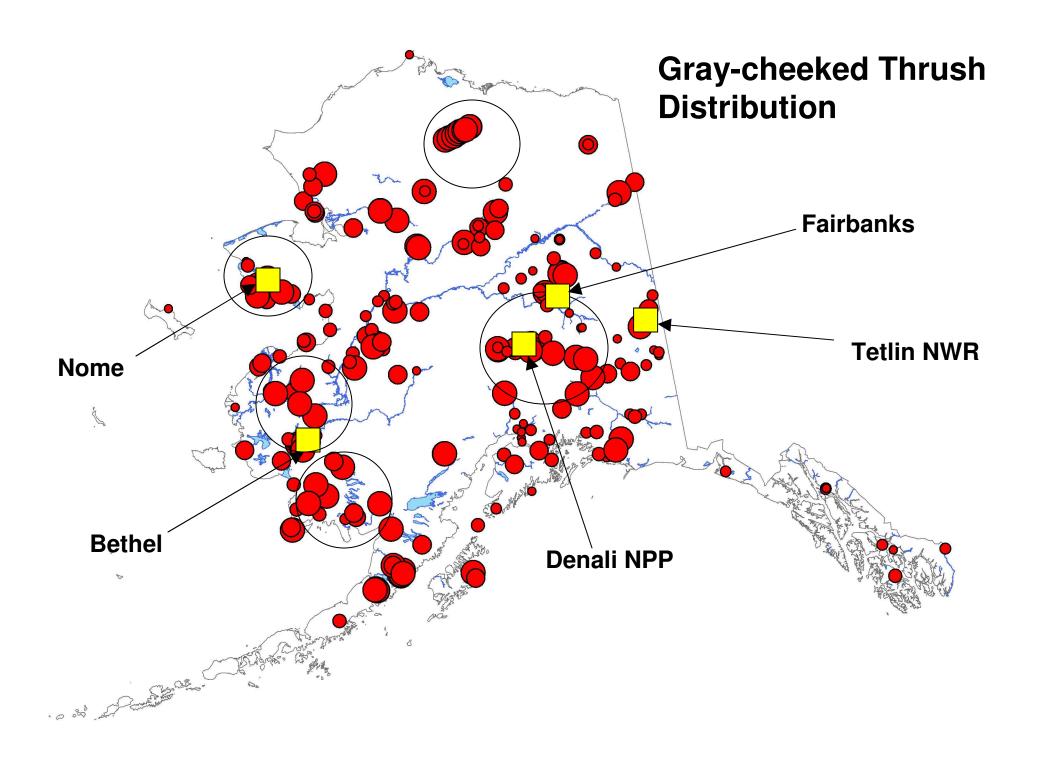
# Geographic priorities: terrestrial birds · o obj

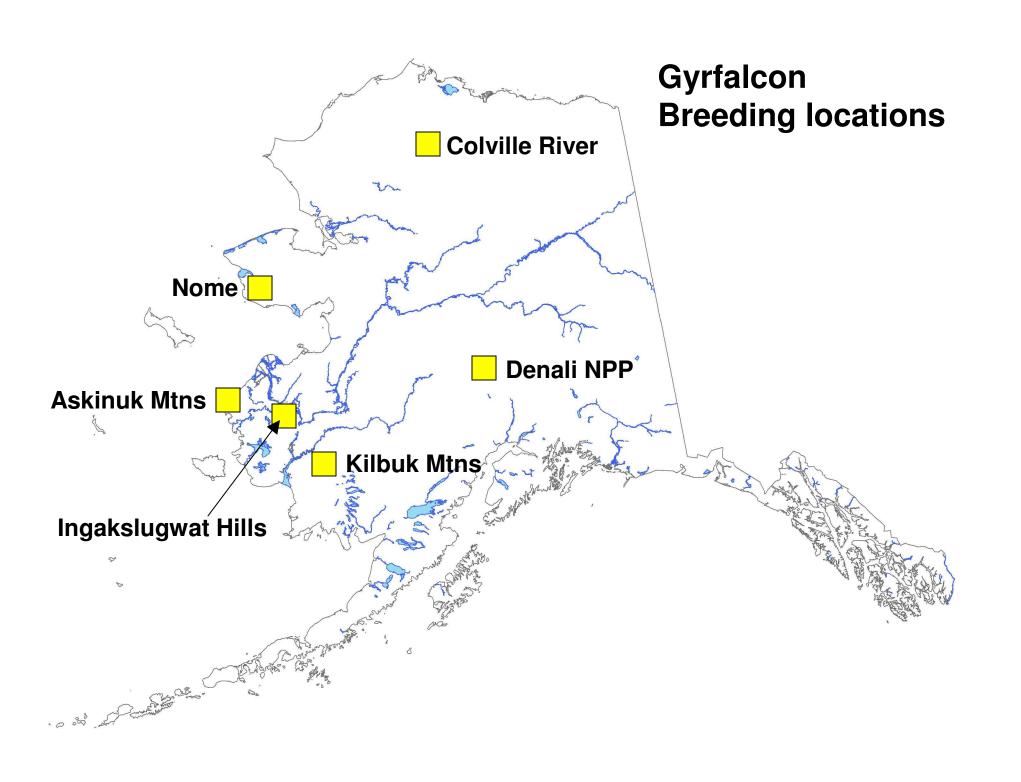












## Terrestrial Birds Summary

- Additional species should be considered for sampling.
- Several priority songbirds can captured at the same geographic "site".

c. Brooks Range	Norton Sound	Seward Peninsula
Yukon Delta	n. Bristol Bay	c. Alaska Range

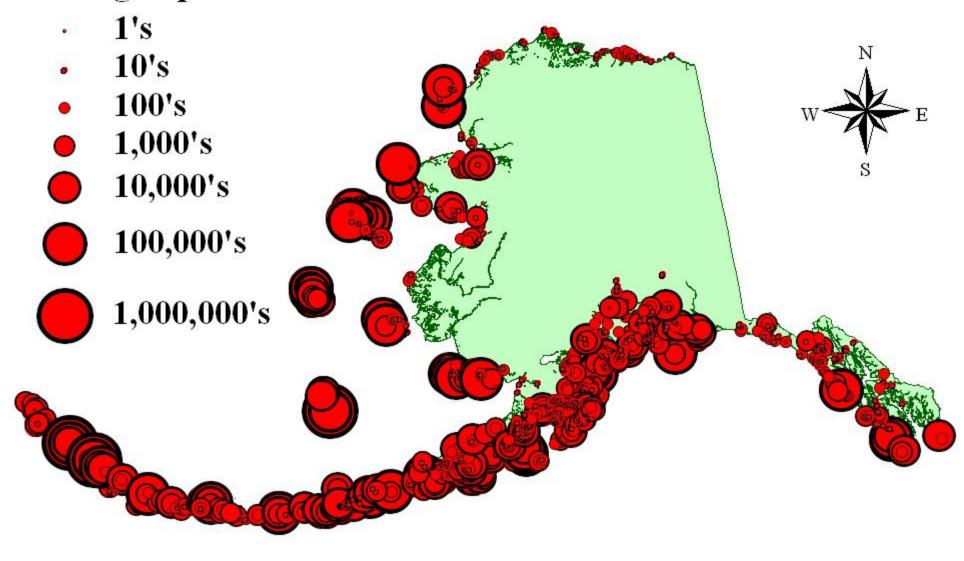
Gyrfalcon would require a separate effort.

### **Introduction to Marine Birds**

- About 40 species breed in Alaska.
- About 40 million total breeding marine birds.

#### Seabird Colonies of Alaska

#### **Breeding Population**



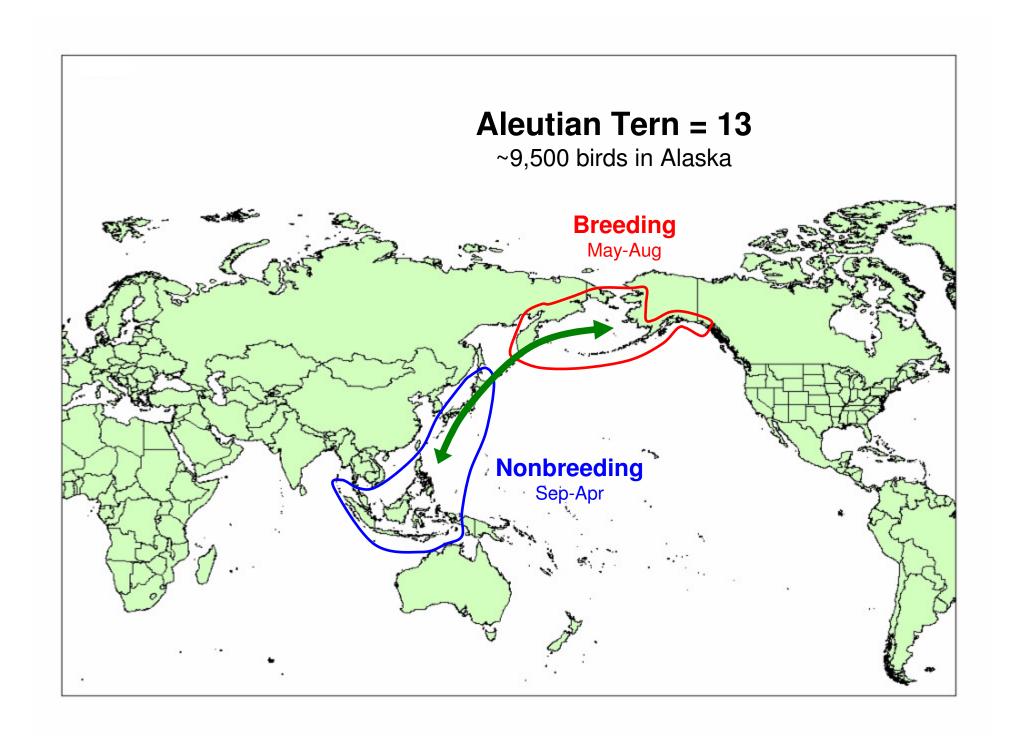


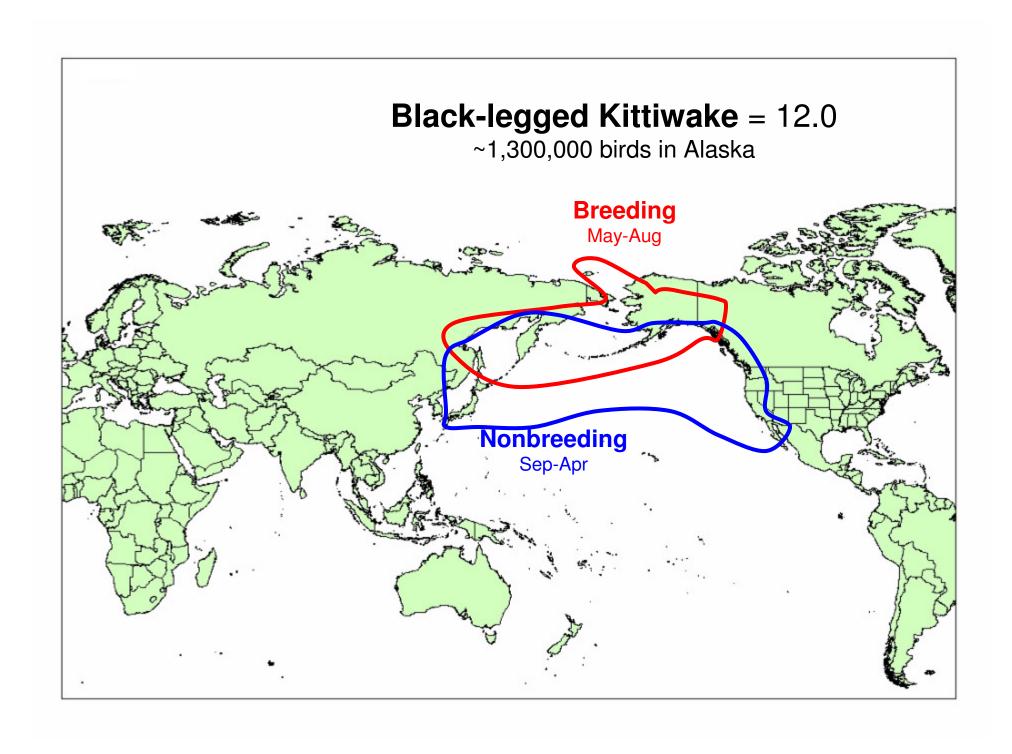


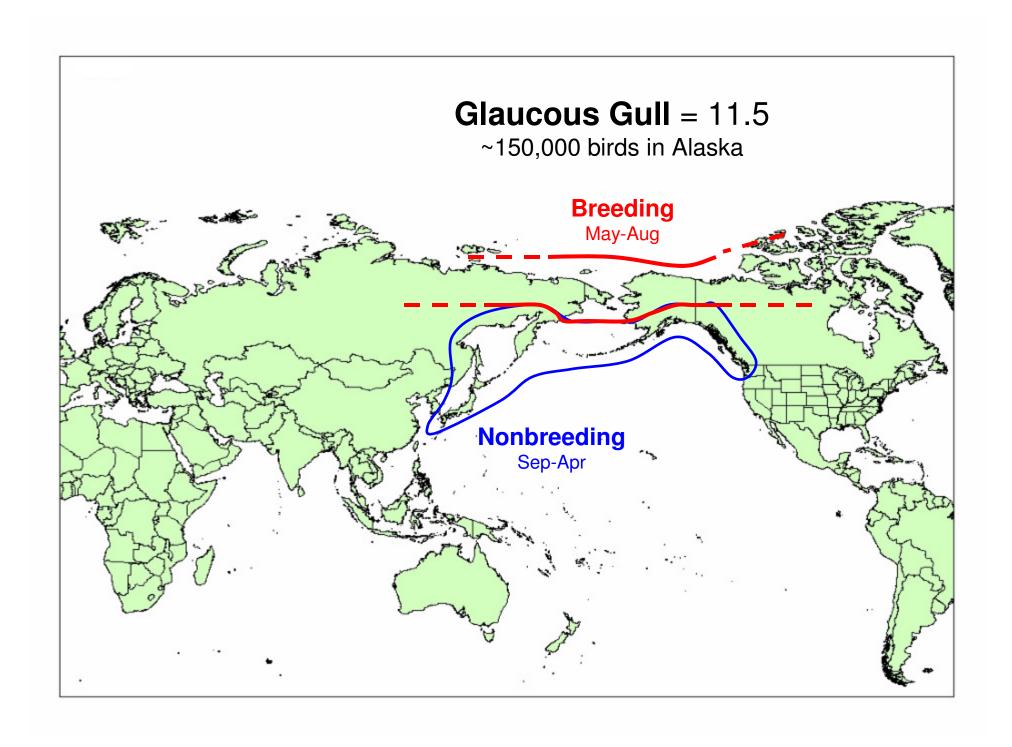


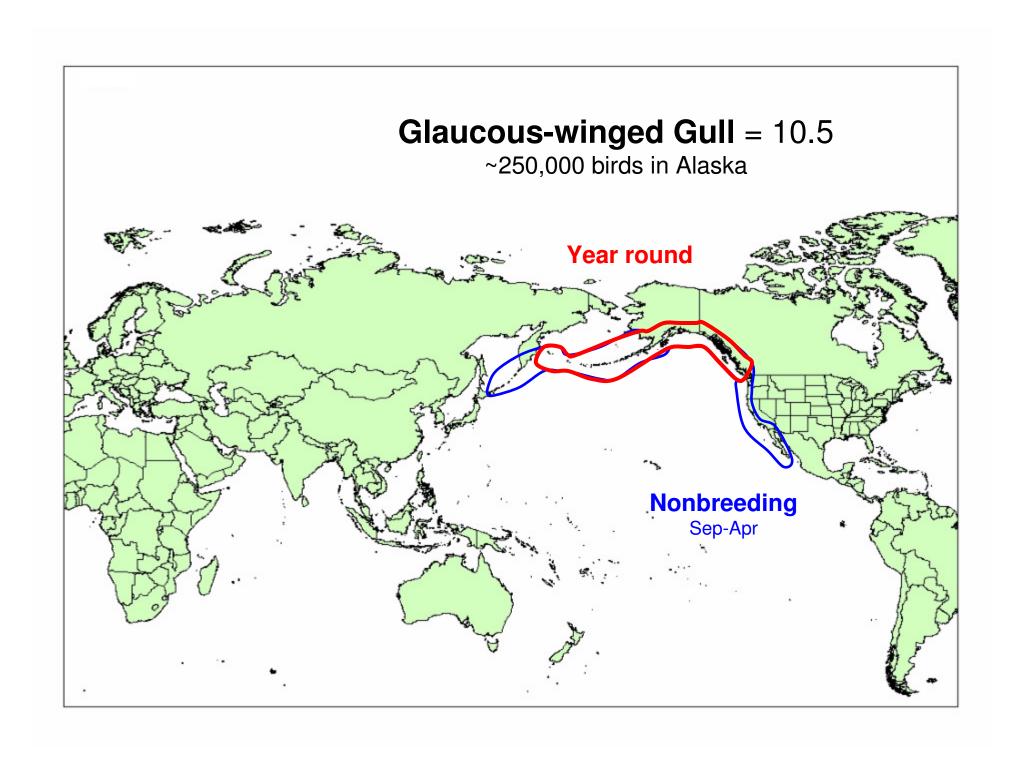
## Species priorities: marine birds

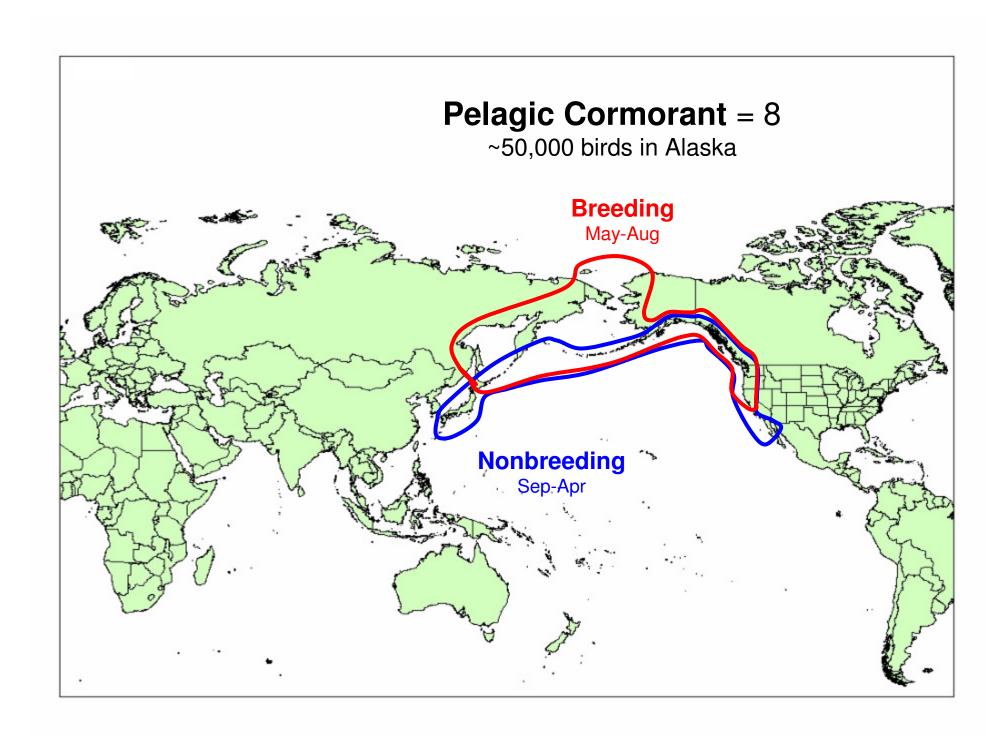
Marine birds	Scores
Aleutian Tern	13.0
Black-legged Kittiwake	12.0
Glaucous Gull	11.5
Glaucous-winged Gull	10.5
Pelagic Cormorant	8.0





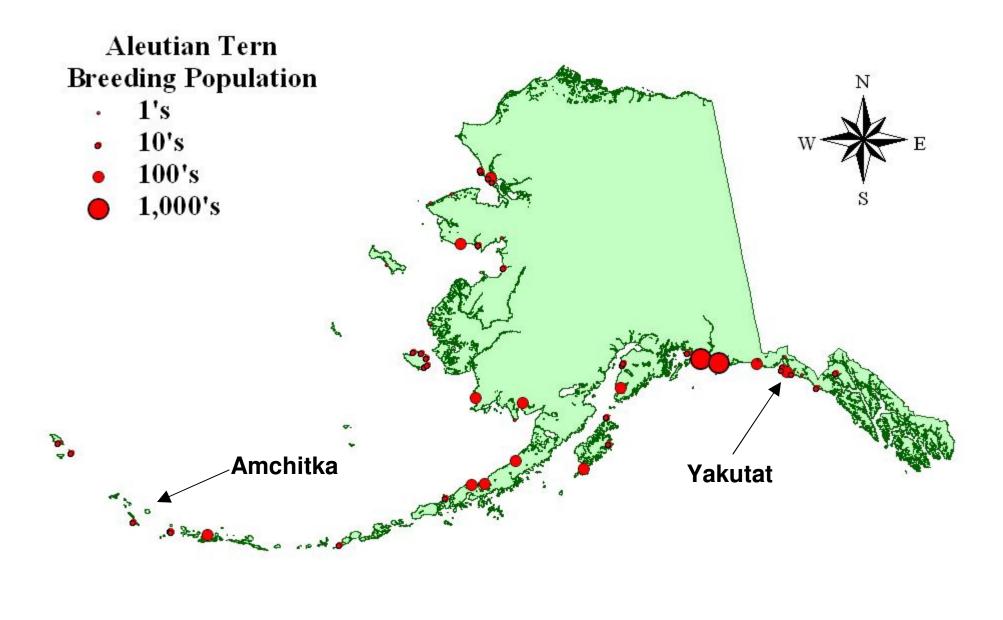


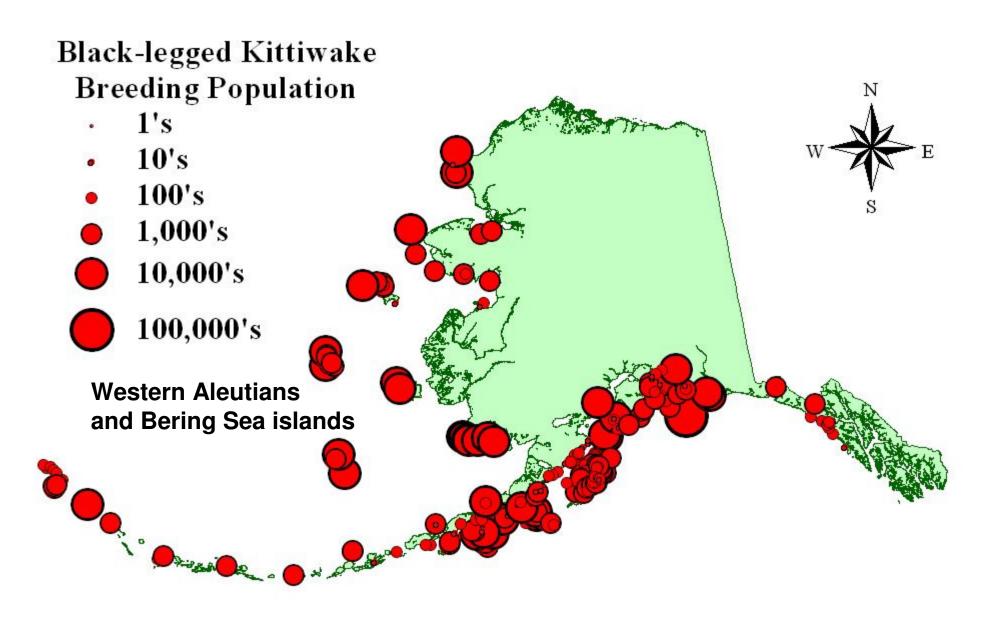




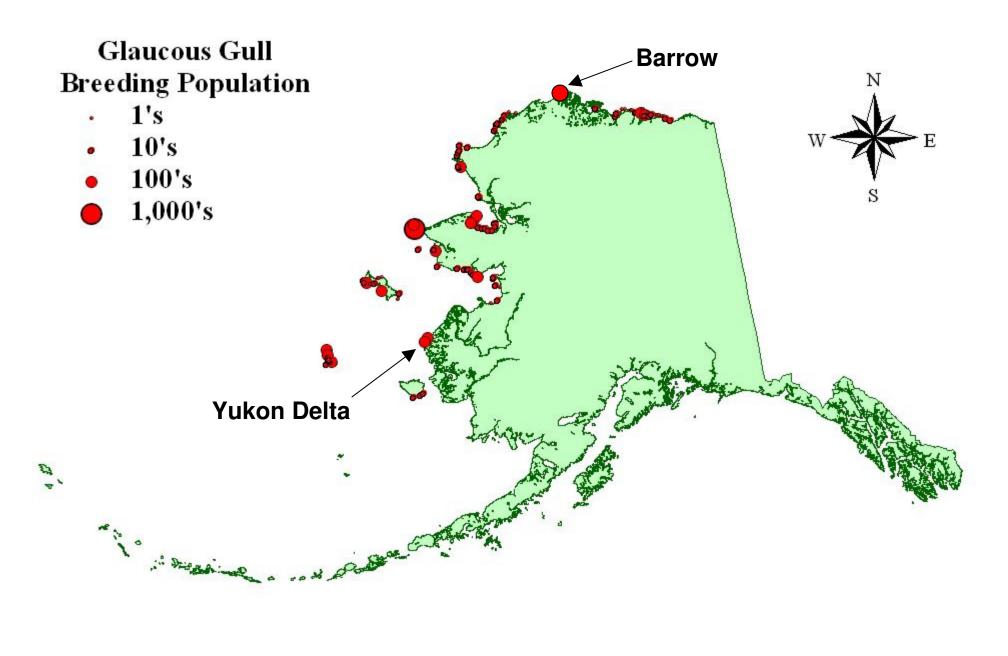
Geographic priorities: marine birds



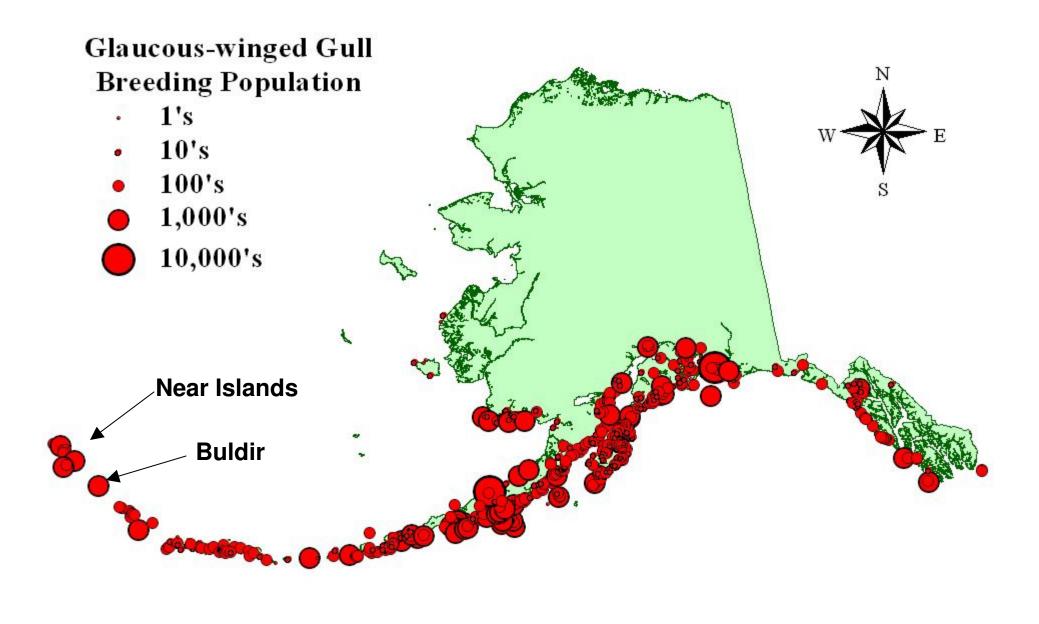




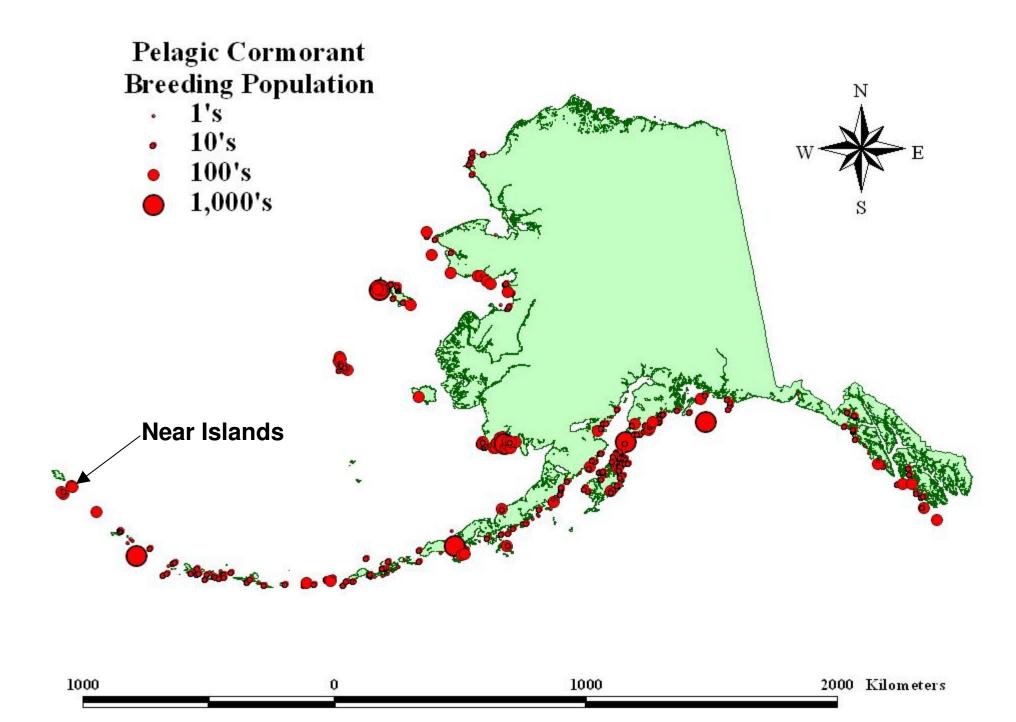
1000 0 1000 2000 Kilometers



1000 0 1000 2000 Kilometers



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## Marine Birds Summary

- Millions of birds breeding in Alaska.
- Most species stay offshore in the non-breeding season.
- •A few species, notably, gulls, tern, and cormorants go to shore in the winter.
- Additional species should be considered for sampling particularly if species primarily in marine waters are considered at risk.

## Areas With High Diversity of Asiatic Birds—Western Aleutians

Species Group	Annual	<annual< th=""></annual<>
Waterfowl	6	8
Shorebirds/	13	24
Gulls		
Songbirds	5	50
Other (Herons/	1	13
Birds of Prey		
Totals	25	95