

Movements, Habitat Use, and Survival of Non-breeding Piping Plovers

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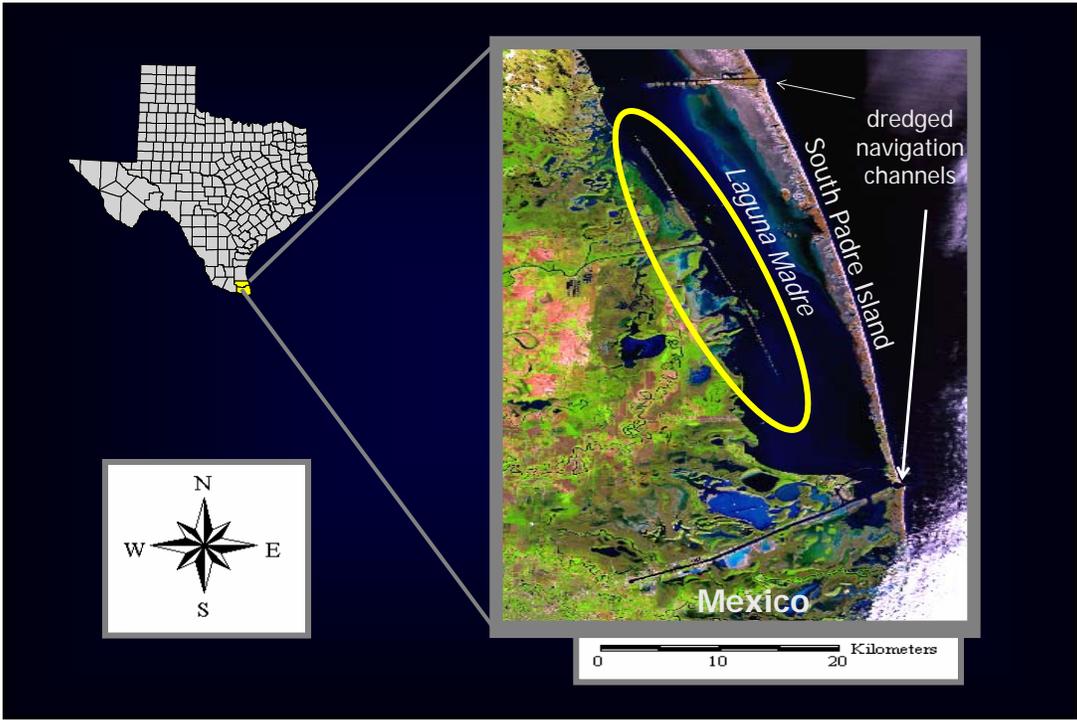
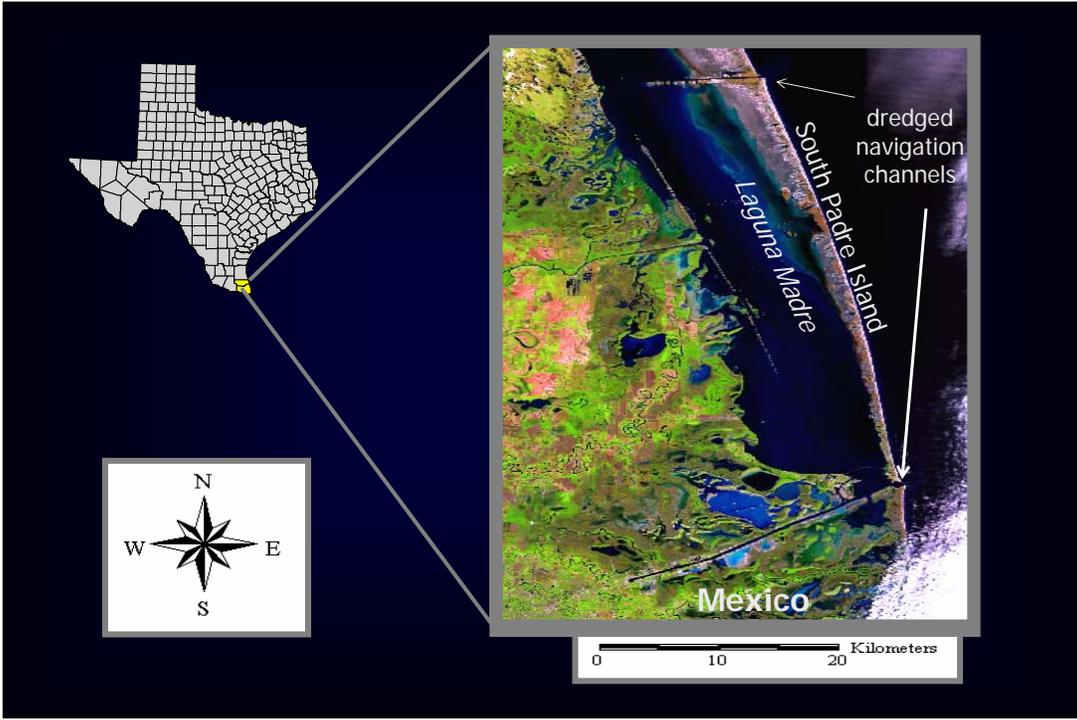


**Dredge Material restricts tidal flow.
Vegetation takes over**

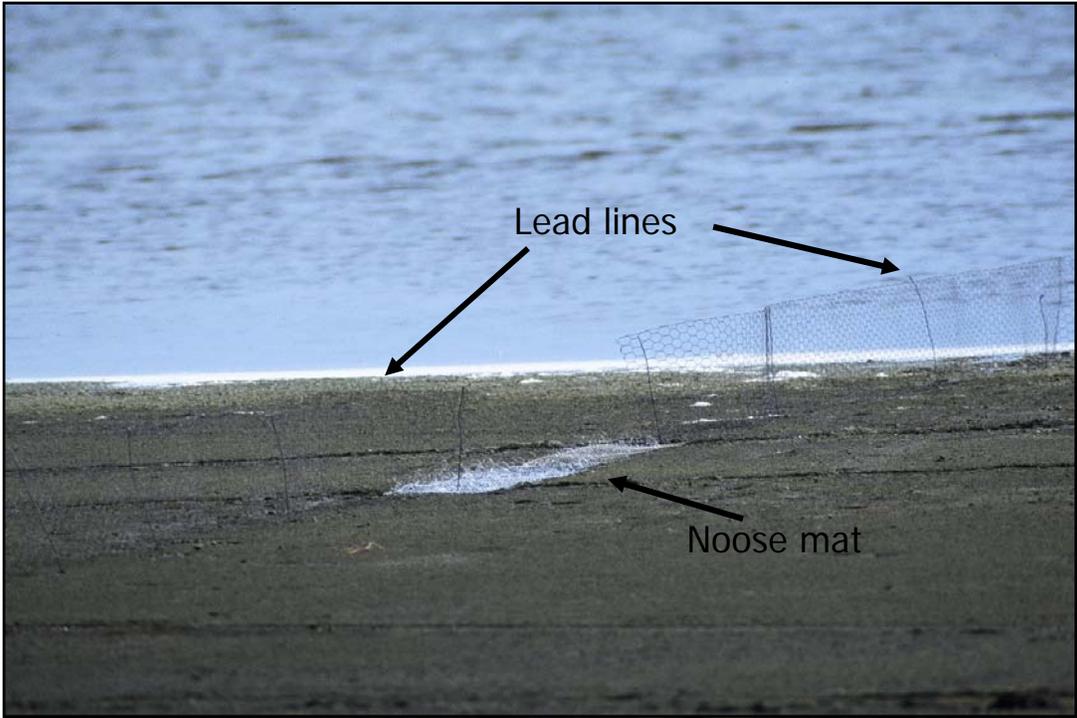


OBJECTIVES

- Determine seasonal variation in home range size of wintering Piping Plovers.
- Identify important habitat types used by wintering Piping Plovers.
- Determine winter survival of Piping Plovers.









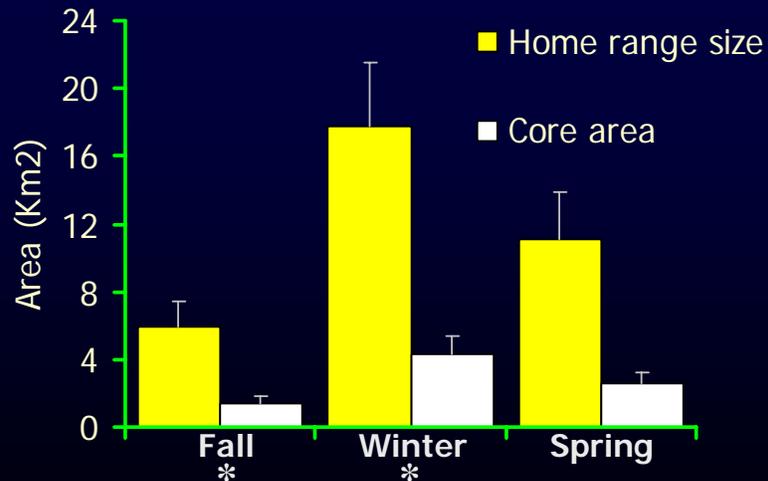
Results

Radio-marked 49 Piping
Plovers

1371 total radio locations
(mean 30/individual)



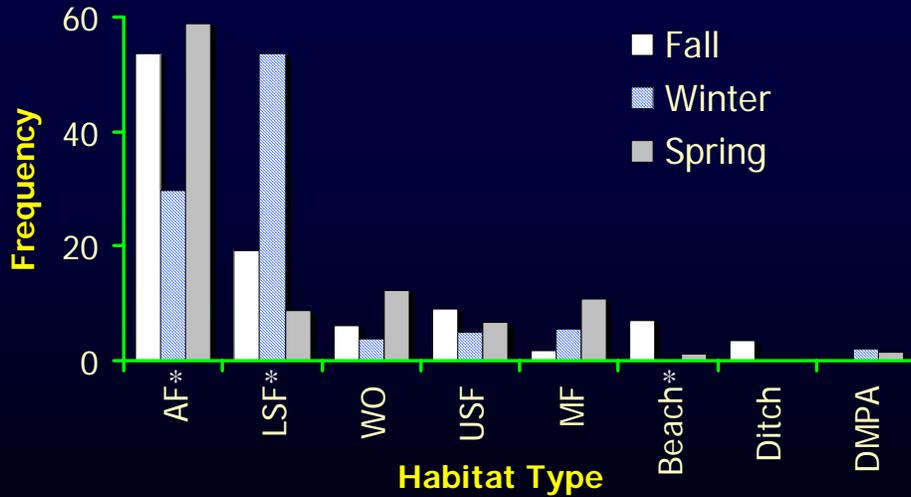
Seasonal Variation in Home Range Size and Core Area (ha)



Seasonal Movements of Wintering Piping Plovers (SE)

	N	Distance Moved (Km)
Fall	13	1.9* (± 0.4)
Winter	14	4.2 (± 0.6)
Spring	19	3.6 (± 0.6)

Seasonal Habitat Use



Conservation Implications

- Demographic implications of winter Piping Plover survival.
- Importance of maintaining a mosaic of habitats.
- Need to conserve bayshore habitats.



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Thank You!

