

Outline

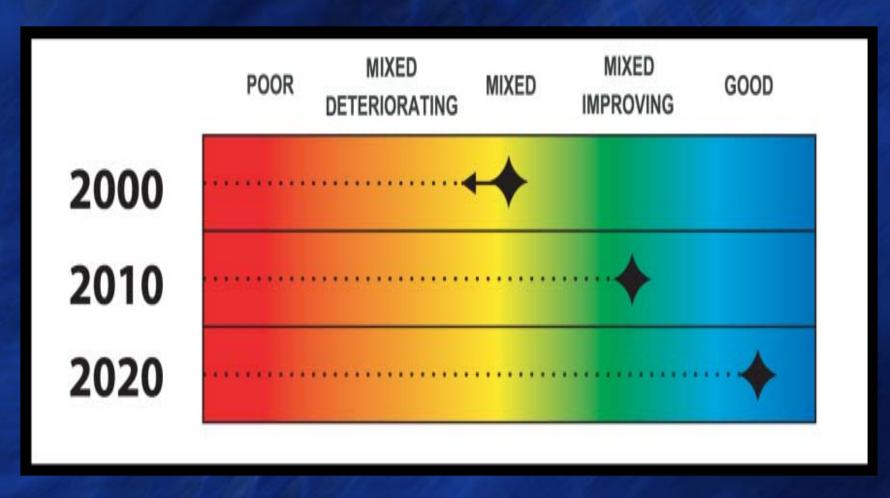
Status based on LaMP 2002

 Two LaMP goals related to Biological Integrity

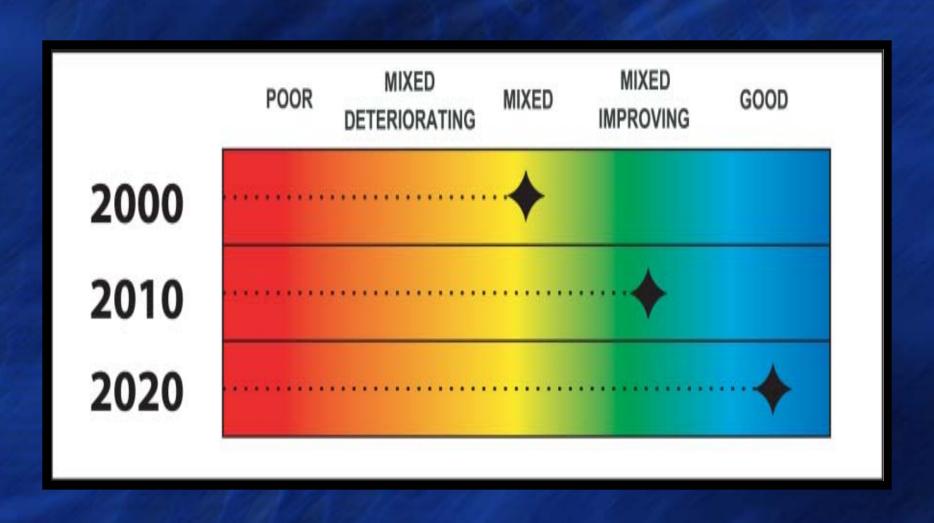
 Examples of pertinent issues in state, stressor and human response themes

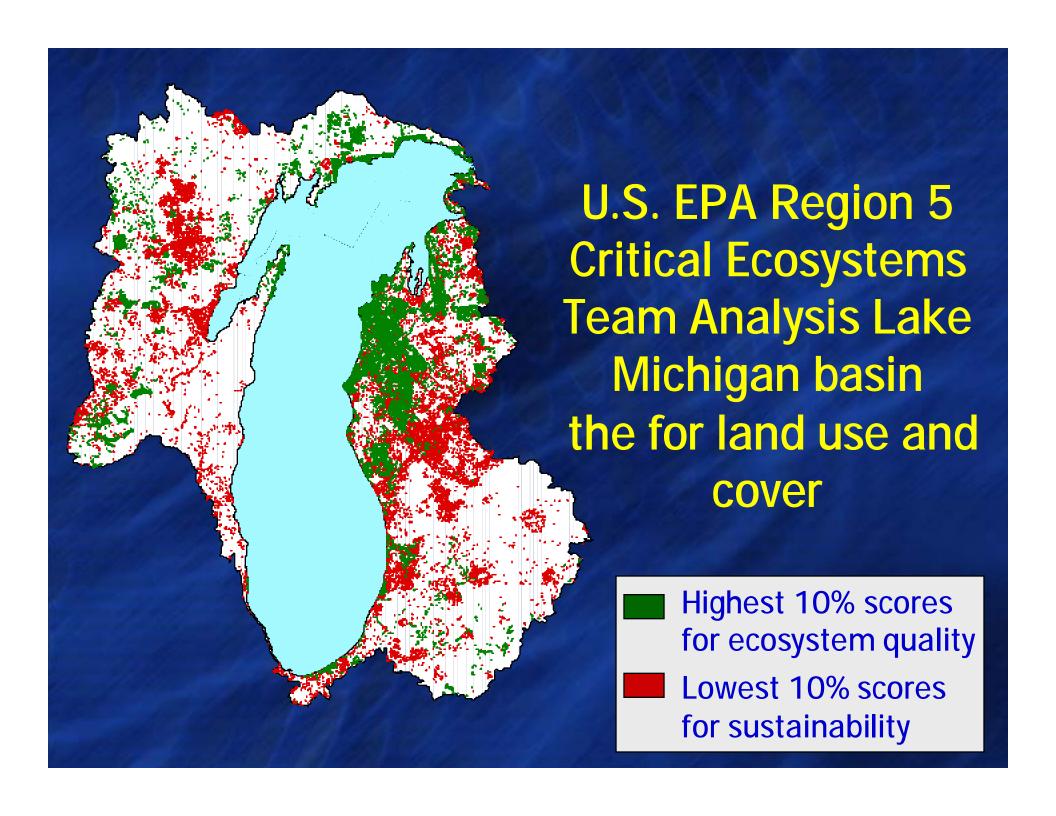
Celebrate successes

Are all habitats healthy, naturally diverse, and sufficient to sustain viable biological communities?



Are Non-native Species controlled and managed?

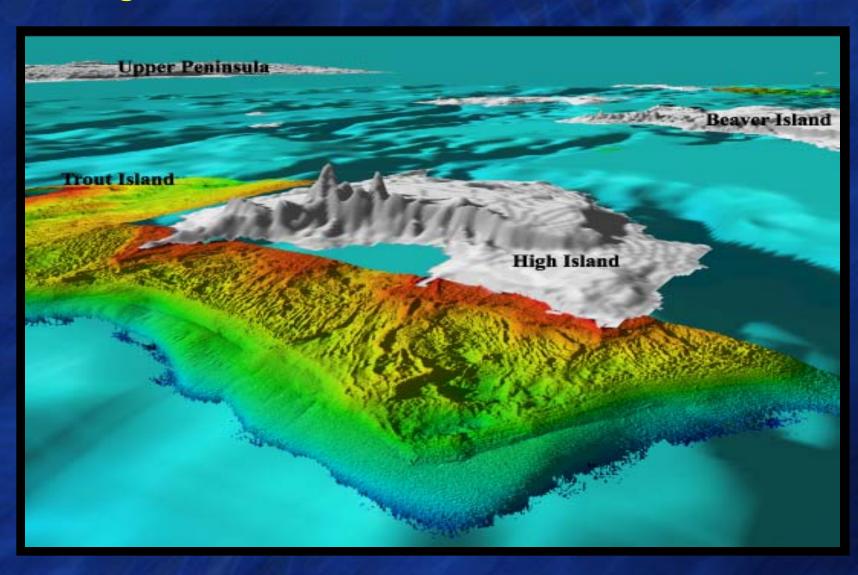




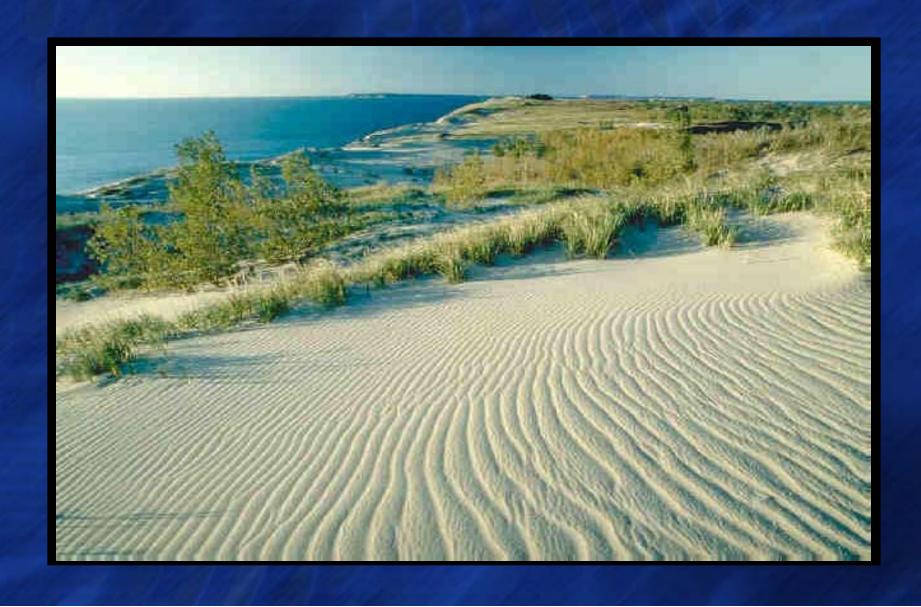
Wetland Loss



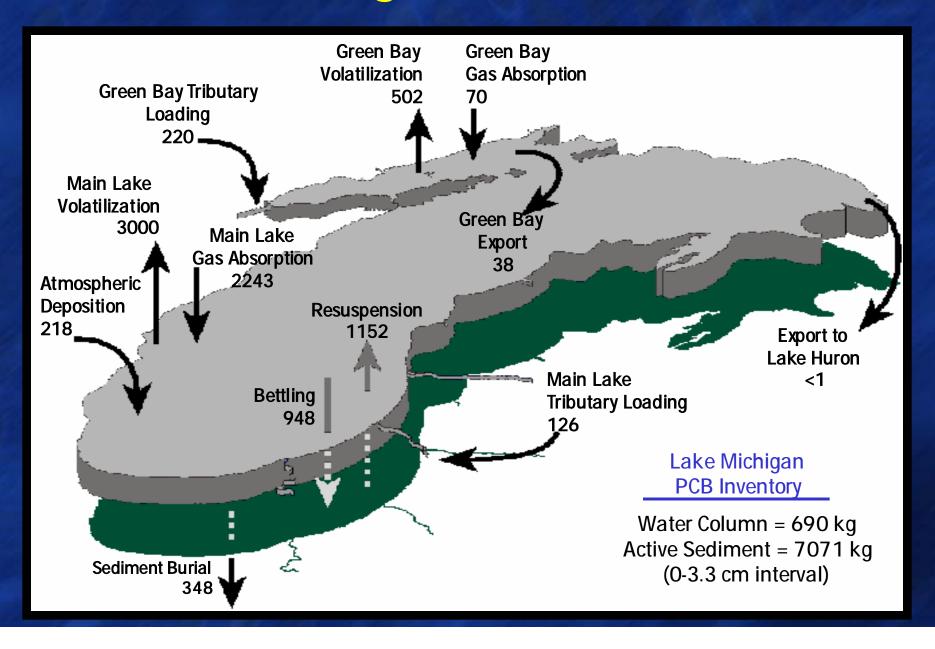
High Island looking Northeast (glacial or Bois Blanc Formation)



Dune and Lake



Lake Michigan Mass Balance



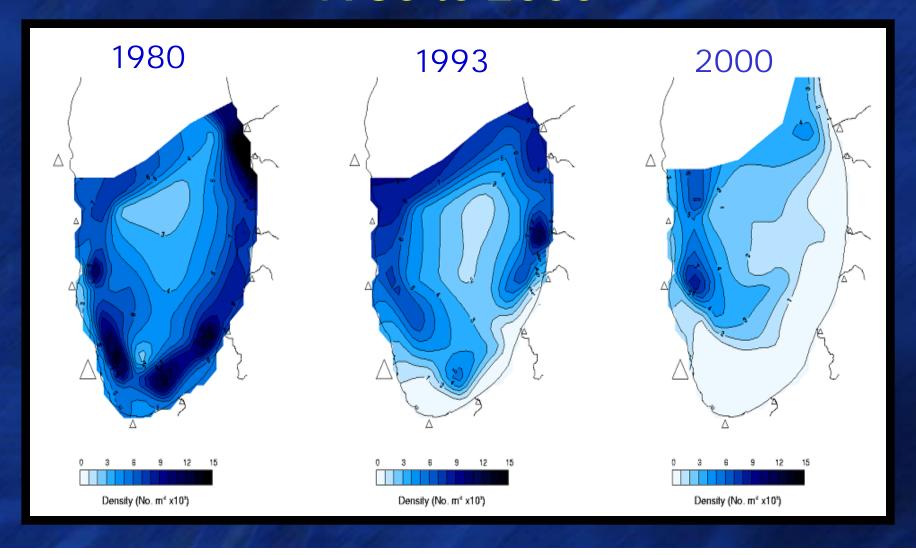
Wolf Population Recovering



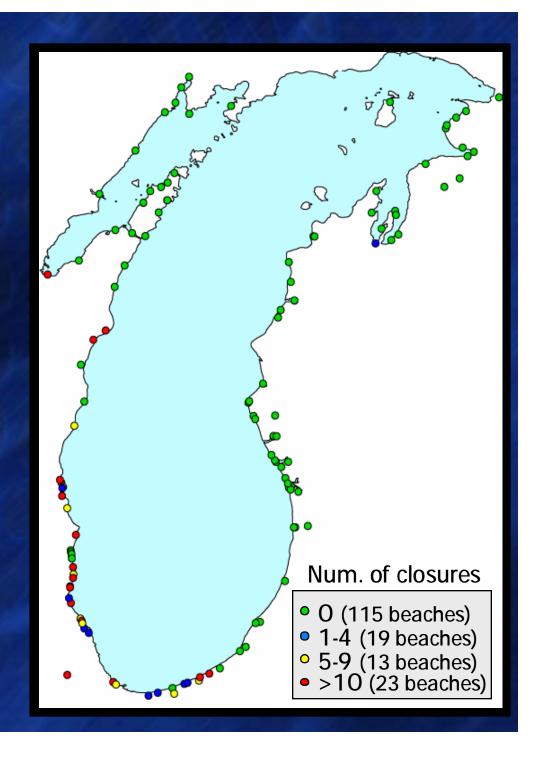
Keystone Species in Lake Michigan Food Web Vanishing



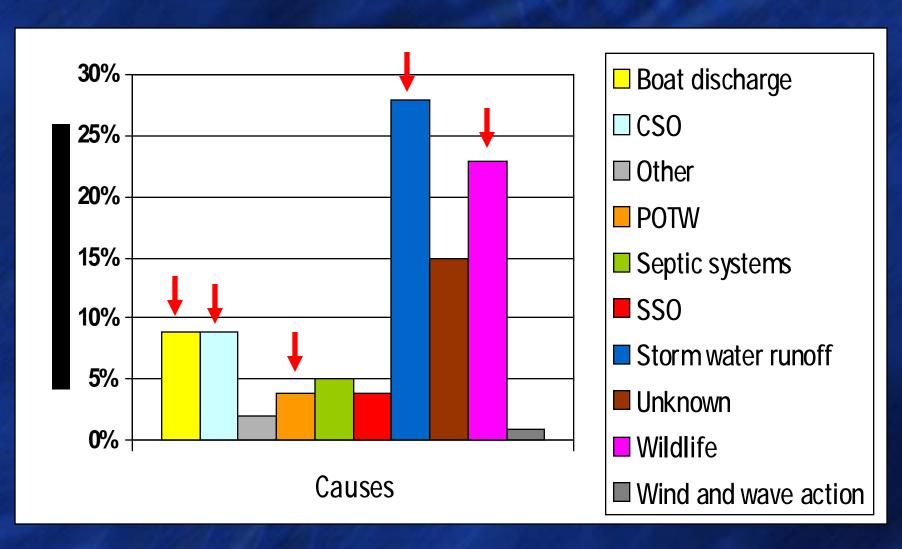
Densities of Diporeia in southern Lake Michigan for selected years from 1980 to 2000



Pathogens Cause Beach Closings



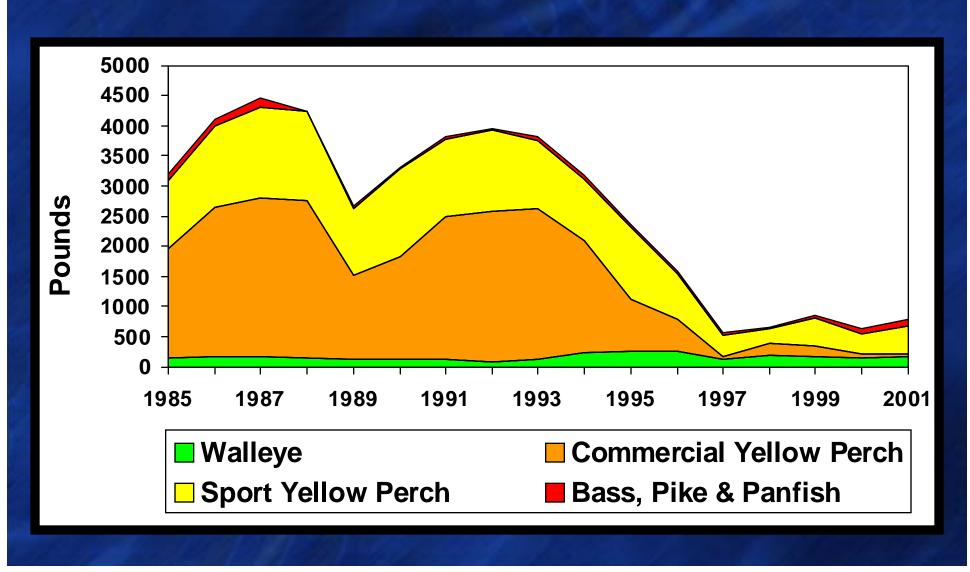
Causes of Closures/Advisories for the 97 Reported Beaches



Harvest Trends – Lake Michigan:

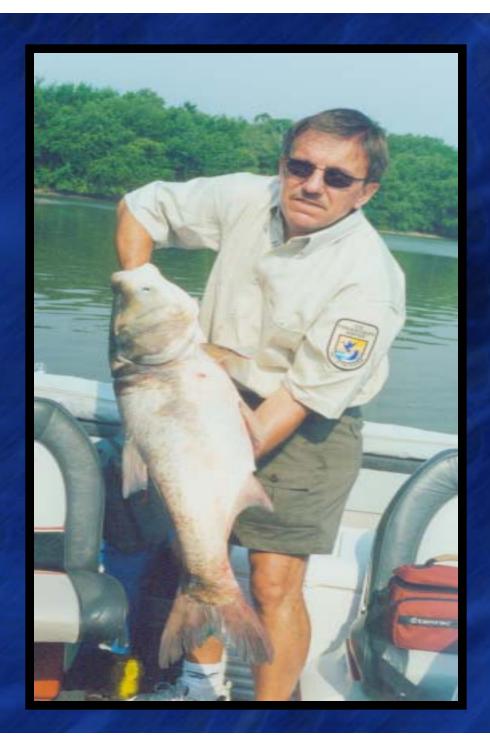
- Steady downward trend mostly commercial
- Sport harvest exceeded commercial
- L. Michigan FCOs (harvest expectations):
 - Below FCOs for; whitefish, lake trout, chubs, yellow perch, planktivores, round whitefish, sea lamprey)
 - Achieving FCOs for; salmonids (nonlake trout)

Harvest of Inshore Fishes Lake Michigan



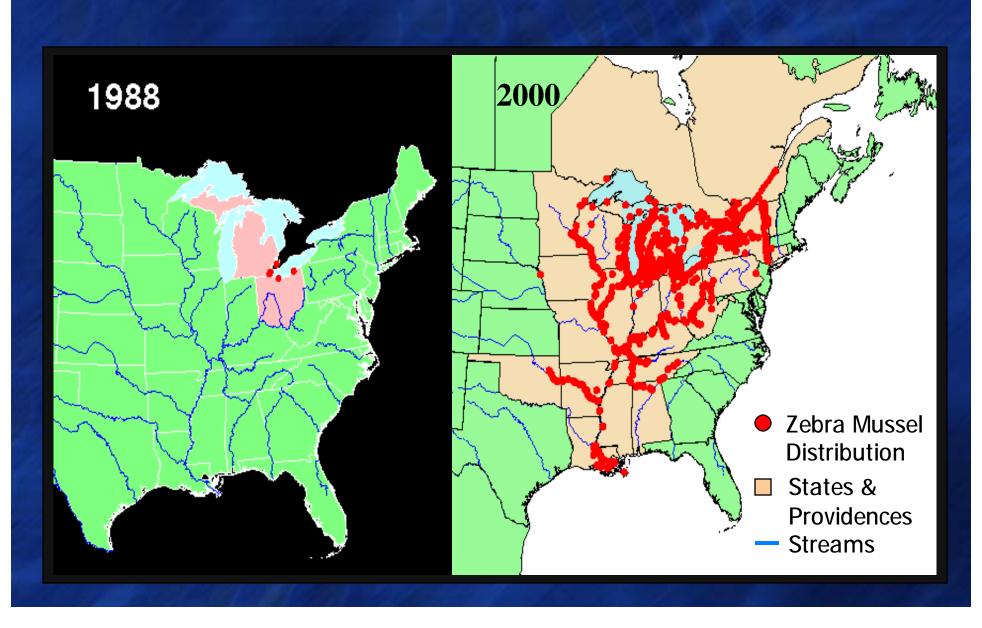
Ruffe Surveillance Program



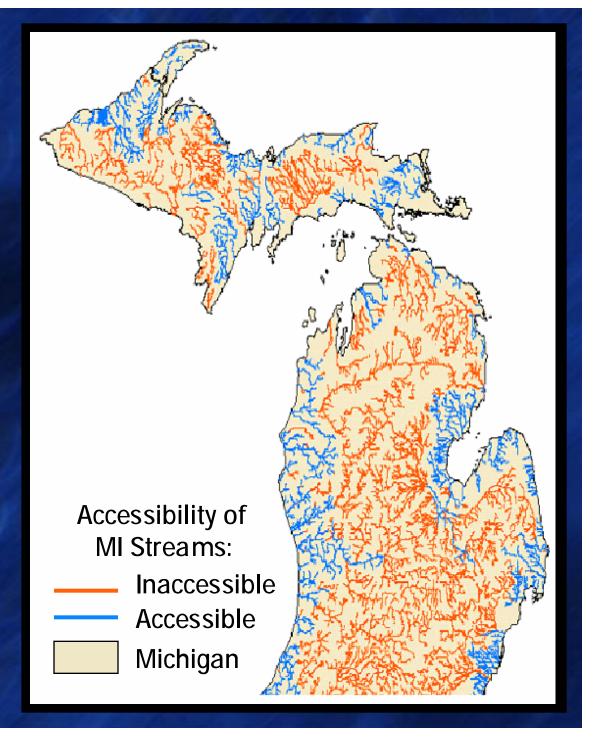


Bighead Carp in the Illinois River Summer 2002

Zebra Mussel (1988-2000)



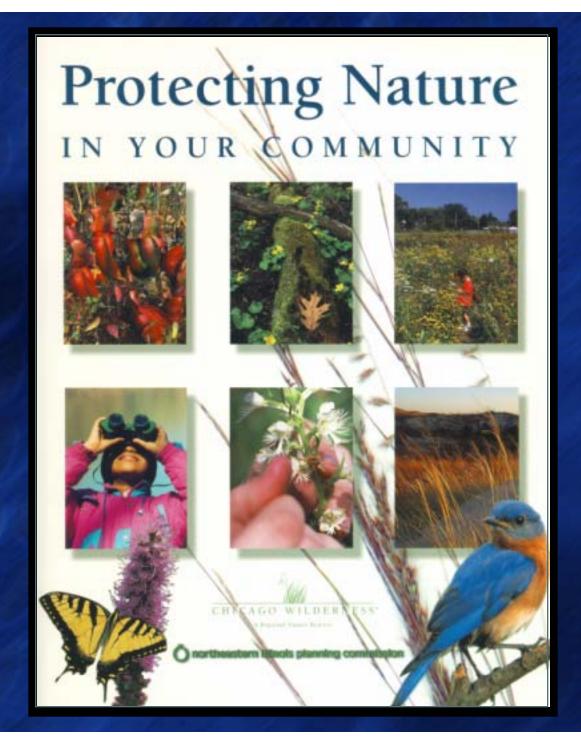
Accessibility of
Michigan
Tributaries
from Great Lakes



Critical habitat units Counties with Critical habitat

Four rare Species improving

Critical areas like USFWS Plover critical habitat map Preserving and enhancing biodiversity in Southern Lake Michigan



Contributors

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