



# Lawn? Or Lakescaping for Lakes?

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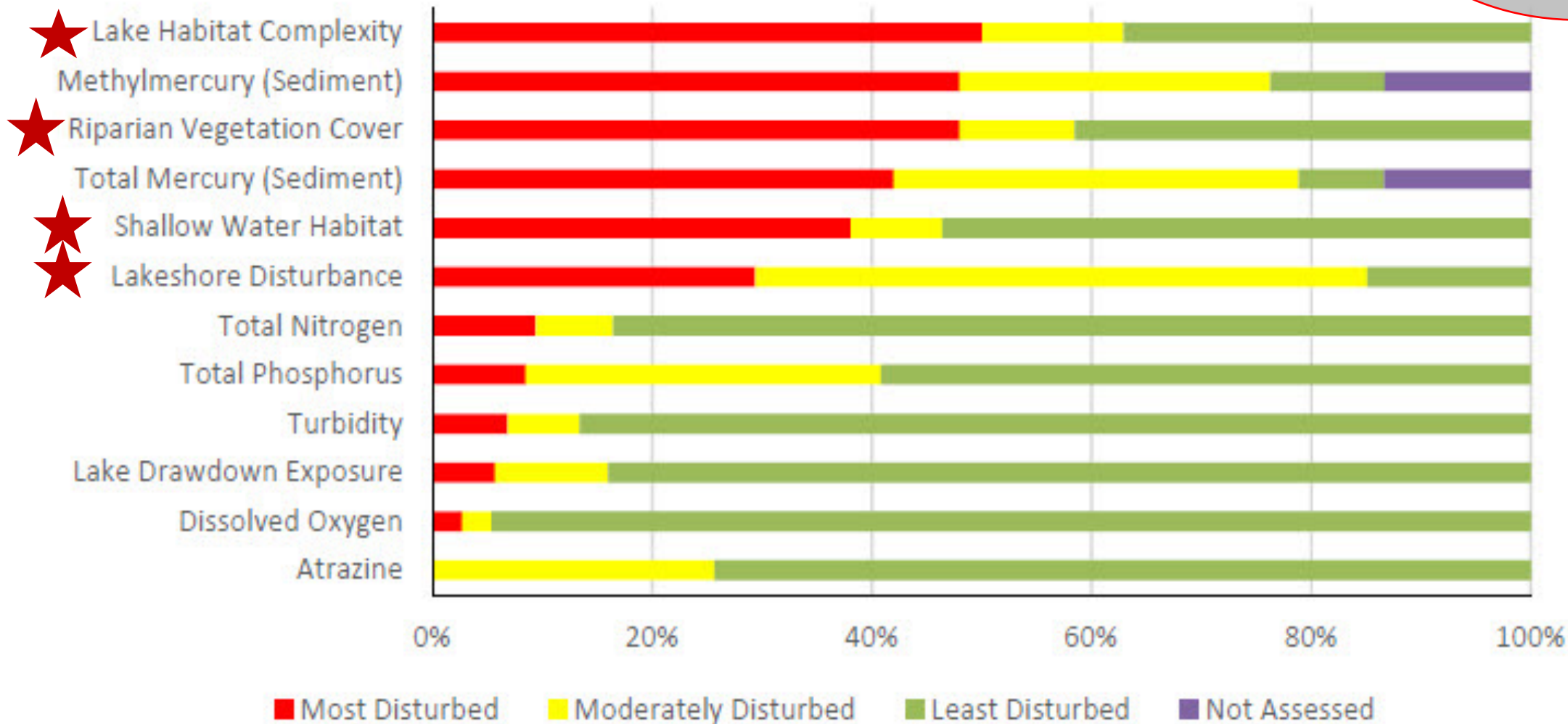
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# Near Shore Habitat Loss

## #1 Threat to inland lakes

50% of Lakes  
**POOR**  
Habitat  
Complexity

2012 Michigan NLA Lake Condition and Stressors



I spy....





# Michigan Inland Lakes support

**87 *bird***  
**25 *reptile***  
**24 *amphibian***  
**19 *mammal***  
**species**



Photo: Mark Chavez



Photo: Benjamin Hack



Bill Buckley



Photo: David Ryan/Ami Sengul



Photo: Ryan Sanderson



Photo: Amy Peterson





# *Shoreline erosion for the Win!*

*Lawn roots are short and weak.  
Not designed for lakeshores and waves.*







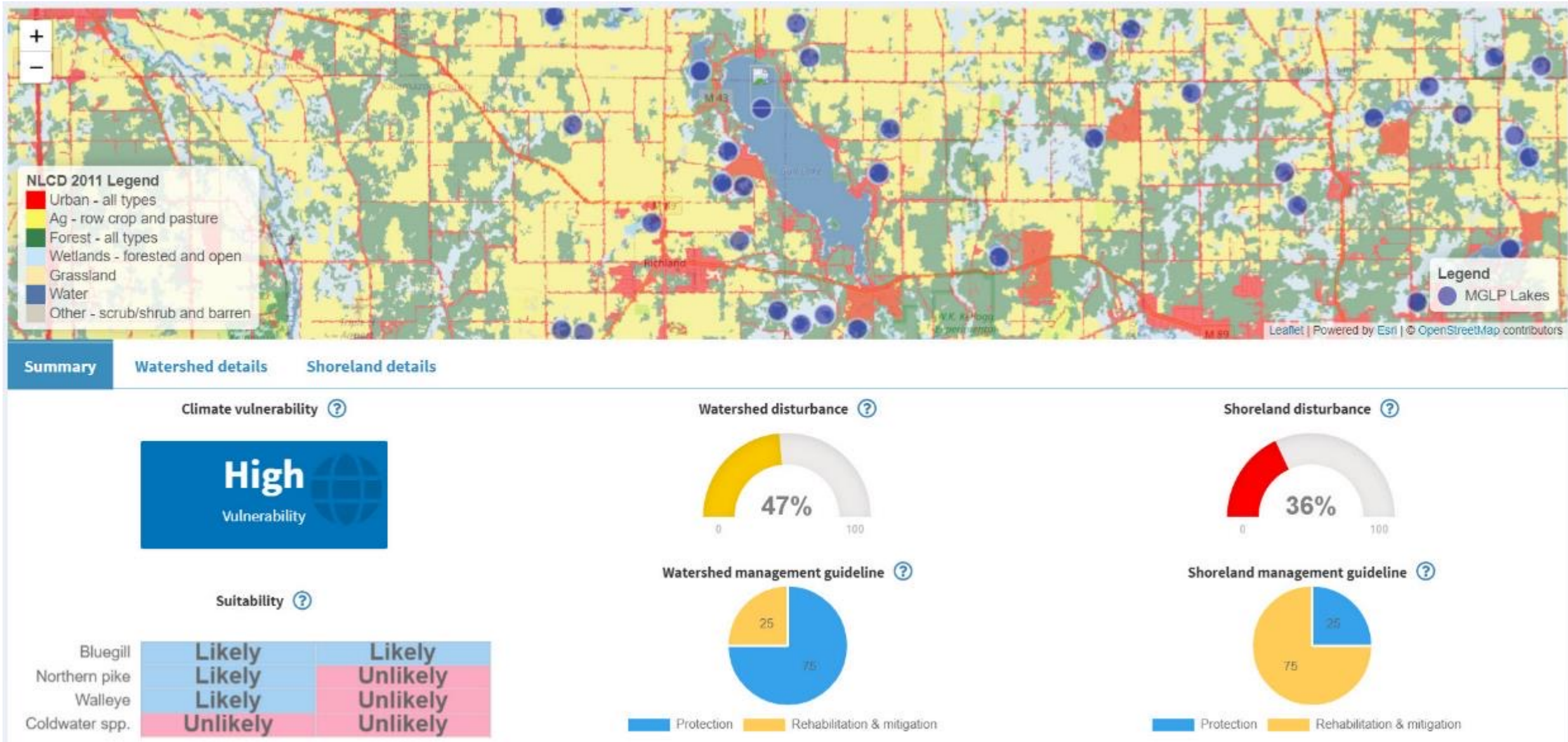
# Lawns =

- Open invitation for Geese
- 0% habitat for other wildlife (sterile)



# Midwest Glacial Lakes Partnership

## Lake Conservation Planner <http://midwestglaciallakes.org/>



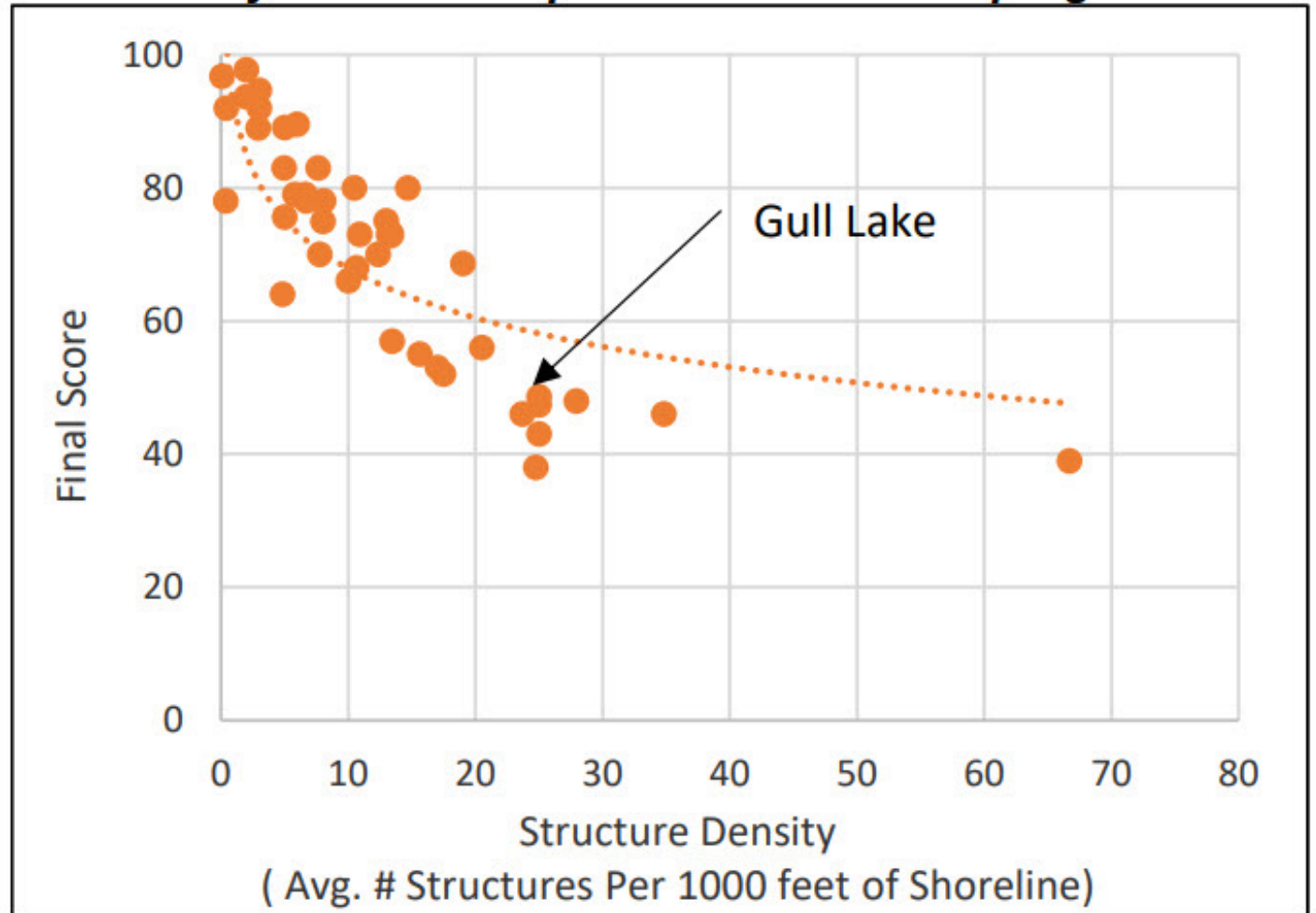
# Score the Shore – Gull Lake

Nearly Pristine: 100

Gull Lake: 46

Highly Disturbed: 0

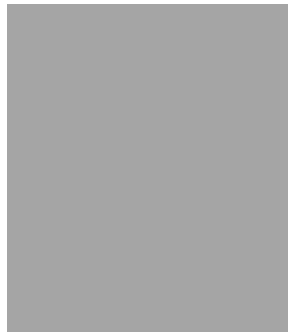
*How does your lake compare to others in the program?*



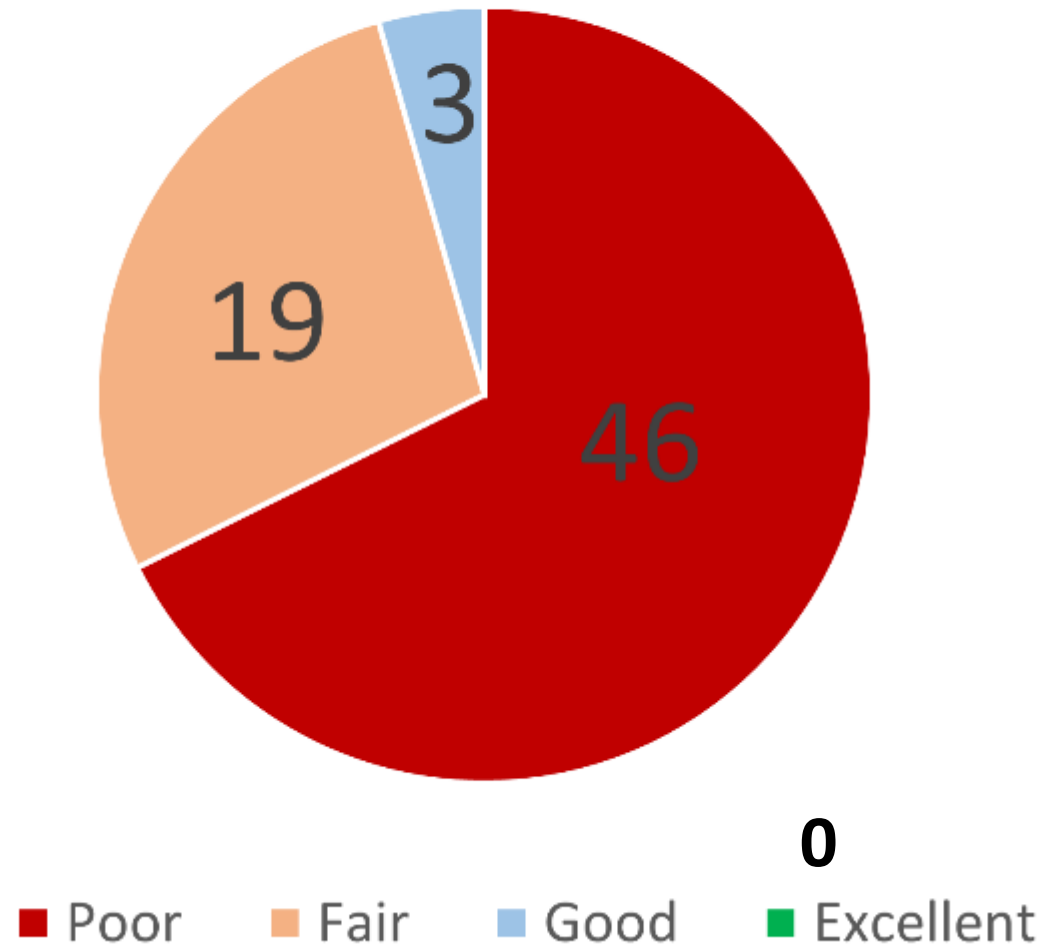


# Gull Lake: Section Results

*Total 68 1000' sections*



## Lakeshore: 1000' Section Scores



# Reshore – the Shore

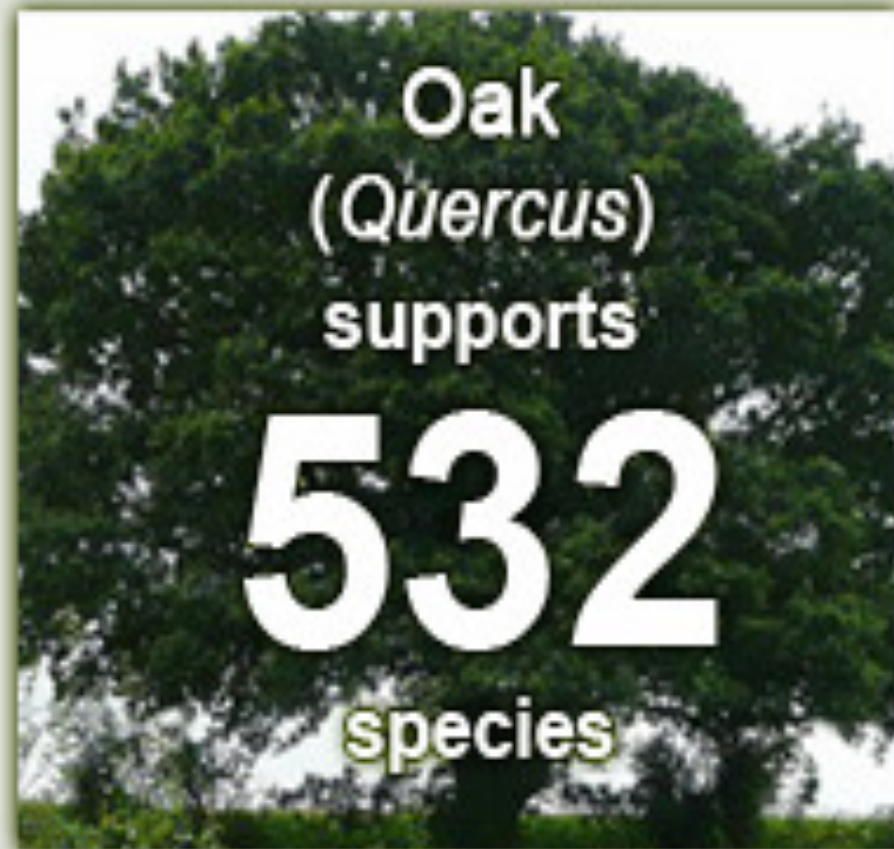


***Use native plants: trees, shrubs, grasses and flowers.***



# Importance of Plant Choices

*Example: Butterflies and moths*





# Importance of Plant Choices



Chinese dogwood

*Cornus kousa*

Very limited species of insects



Flowering Dogwood

*Cornus florida*

117 species of moths & butterflies



# *Diversity of Plants = Diversity of Wildlife*

## Trees and shrubs:

*Fruit, nuts, seed, cover, nesting (evergreens for winter cover)*

## Grasses:

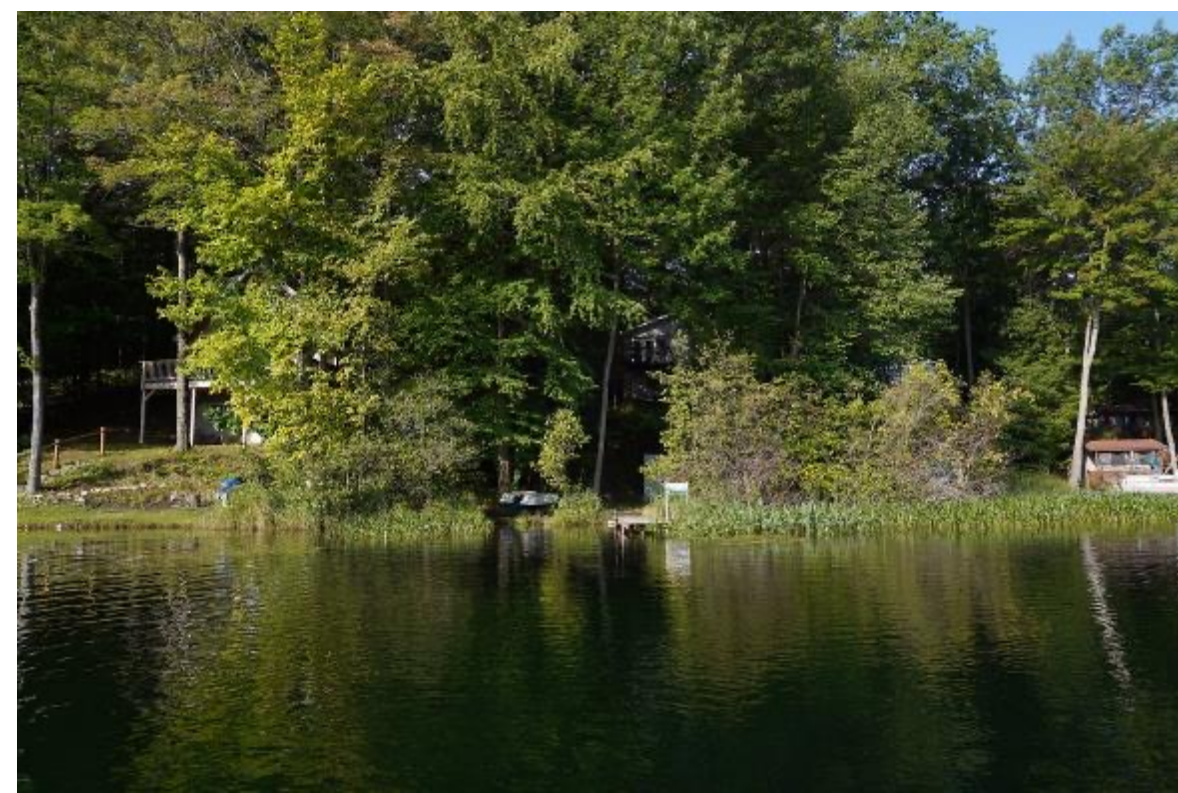
*Grains, seed, cover, nesting*

## Flowers:

*Nectar, pollen and seed*

## Downed woody material

*Cover, nesting*







Red-Twig dogwood



Gray dogwood



Elderberry



# Moist to Wet

New England Aster



Sensitive Fern



Turtlehead

Obedient Plant



Meadowsweet



Canada blue  
joint grass



Dense blazing star





Photo: Prairie Nursery

**Pennsylvania sedge**

**Partridge Berry**



**Wild Ginger**

**Upland: Shady Areas**  
*Depending on soil  
type*

**Christmas Fern**





**Celandine (Wood) Poppy**



**Upland flower  
options for Shady  
Areas**



**Thimbleweed**

**Wild Geranium**



**Columbine**



# Questions?

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[www.shorelinepartnership.org](http://www.shorelinepartnership.org)

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