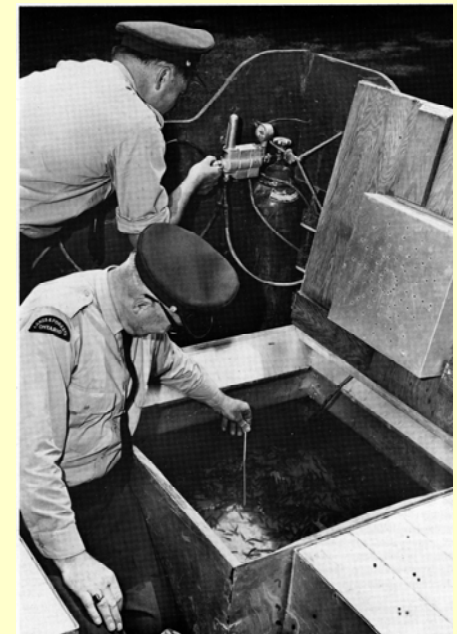
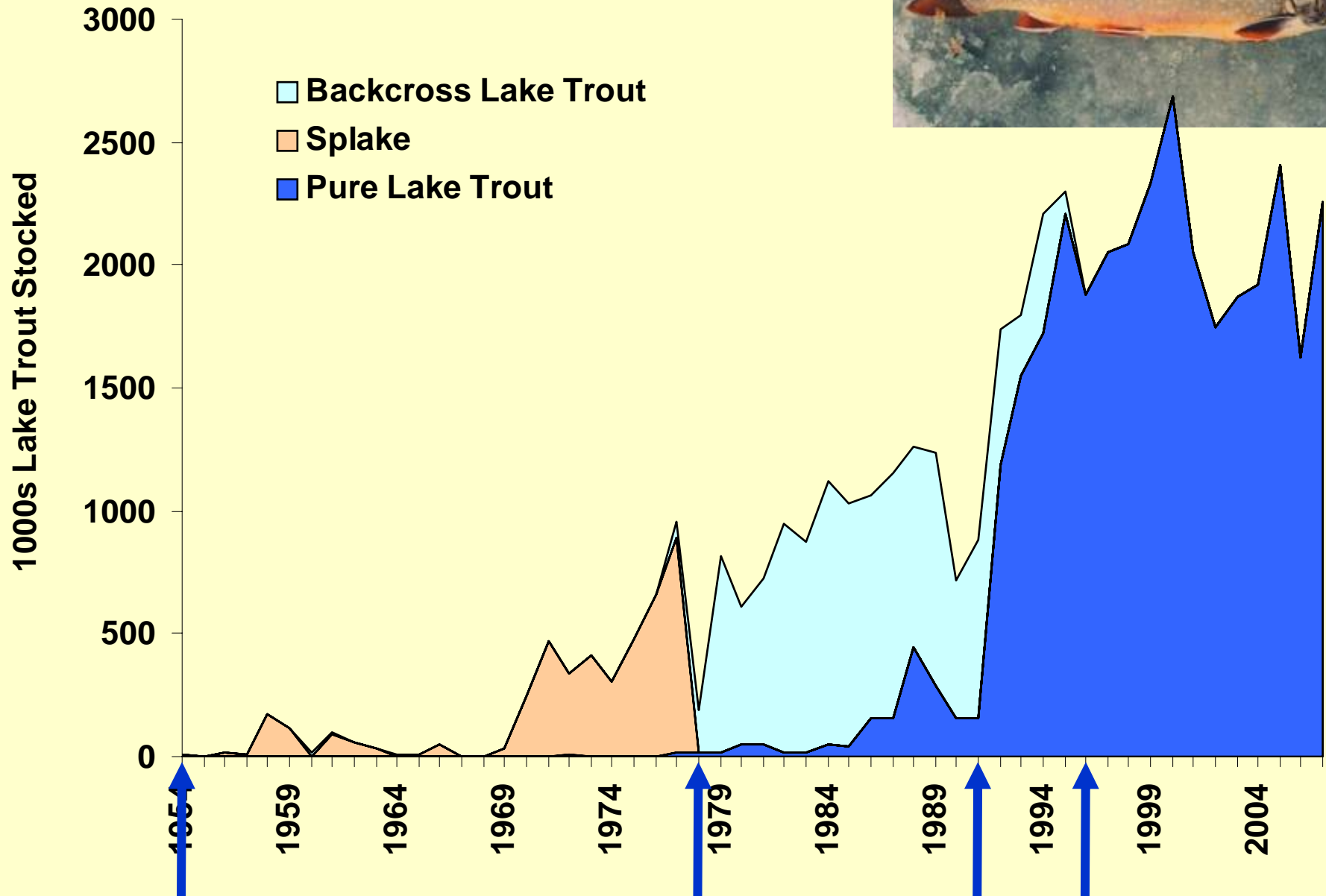




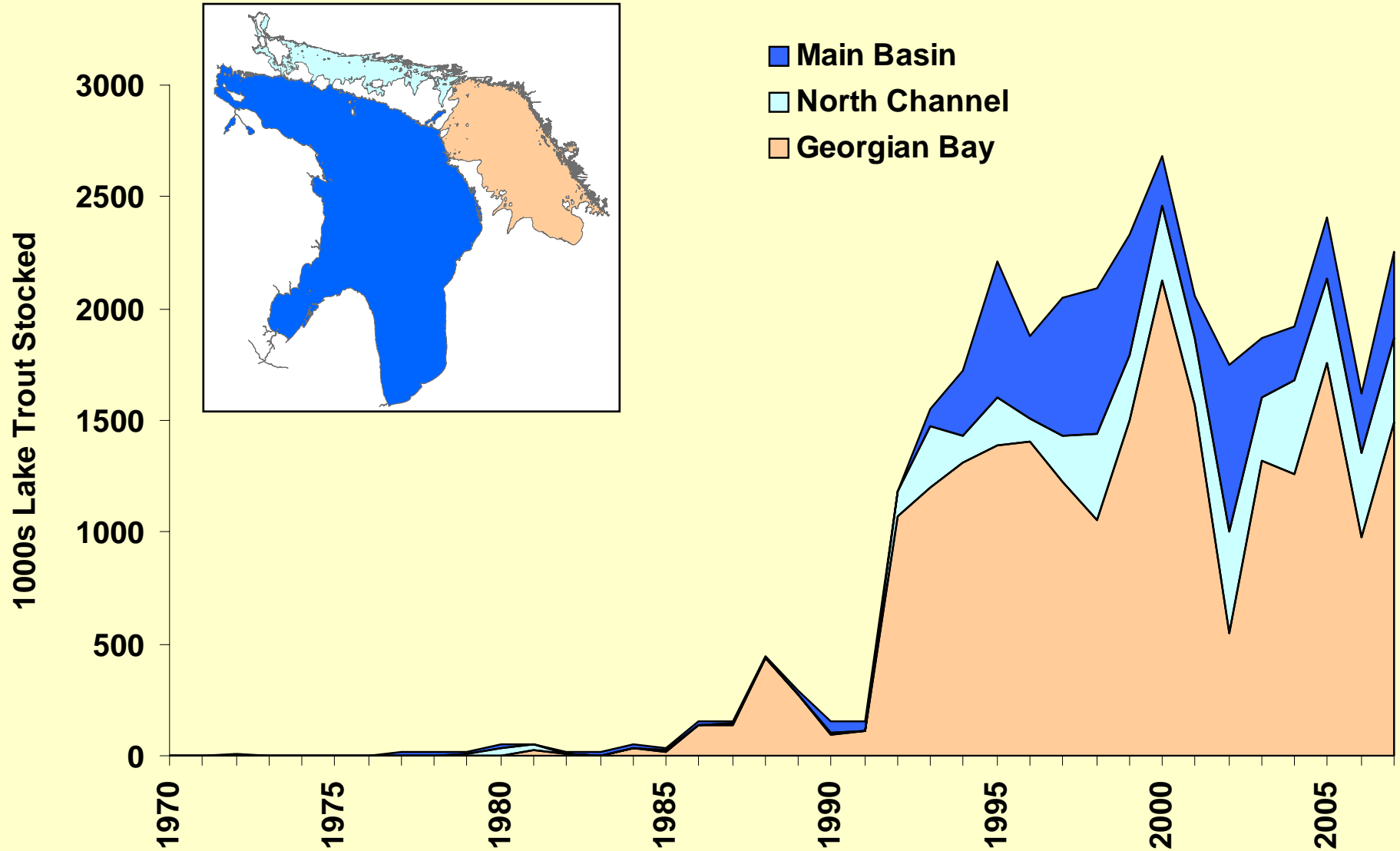
Ontario's strategies and practices for lake trout stocking in Lake Huron



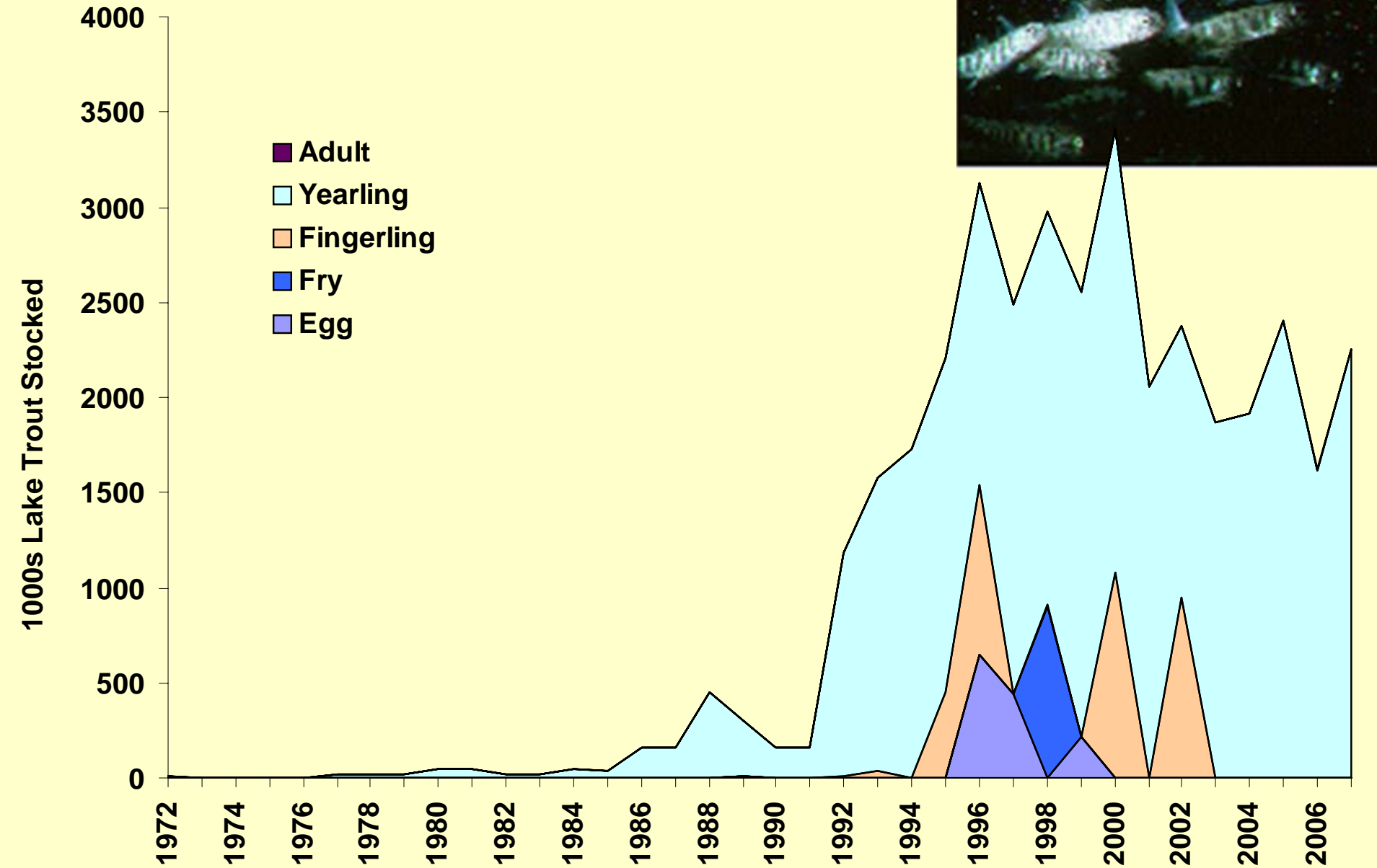
Stocking History



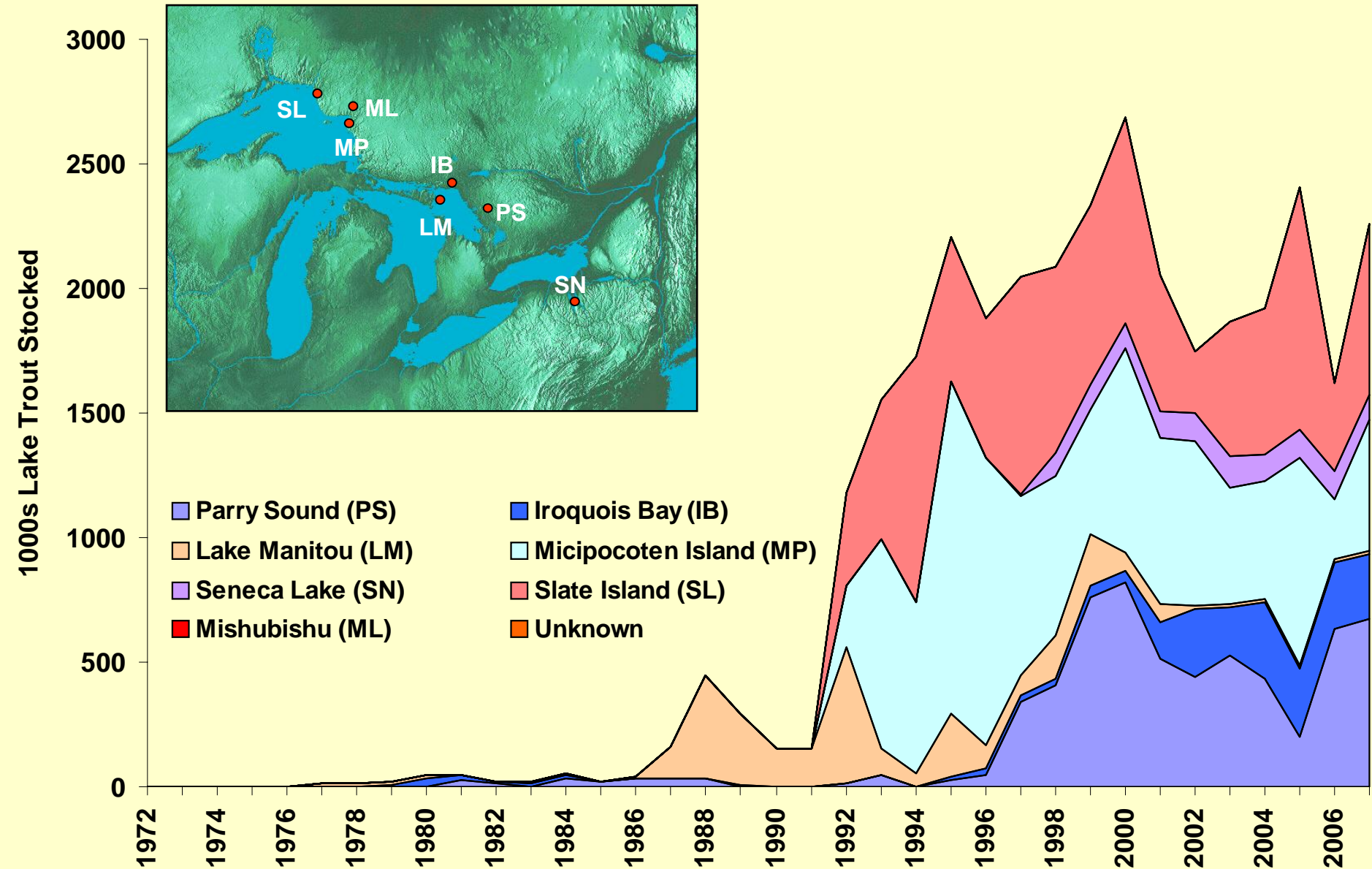
Stocking By Basin



Stocking By Life Stage



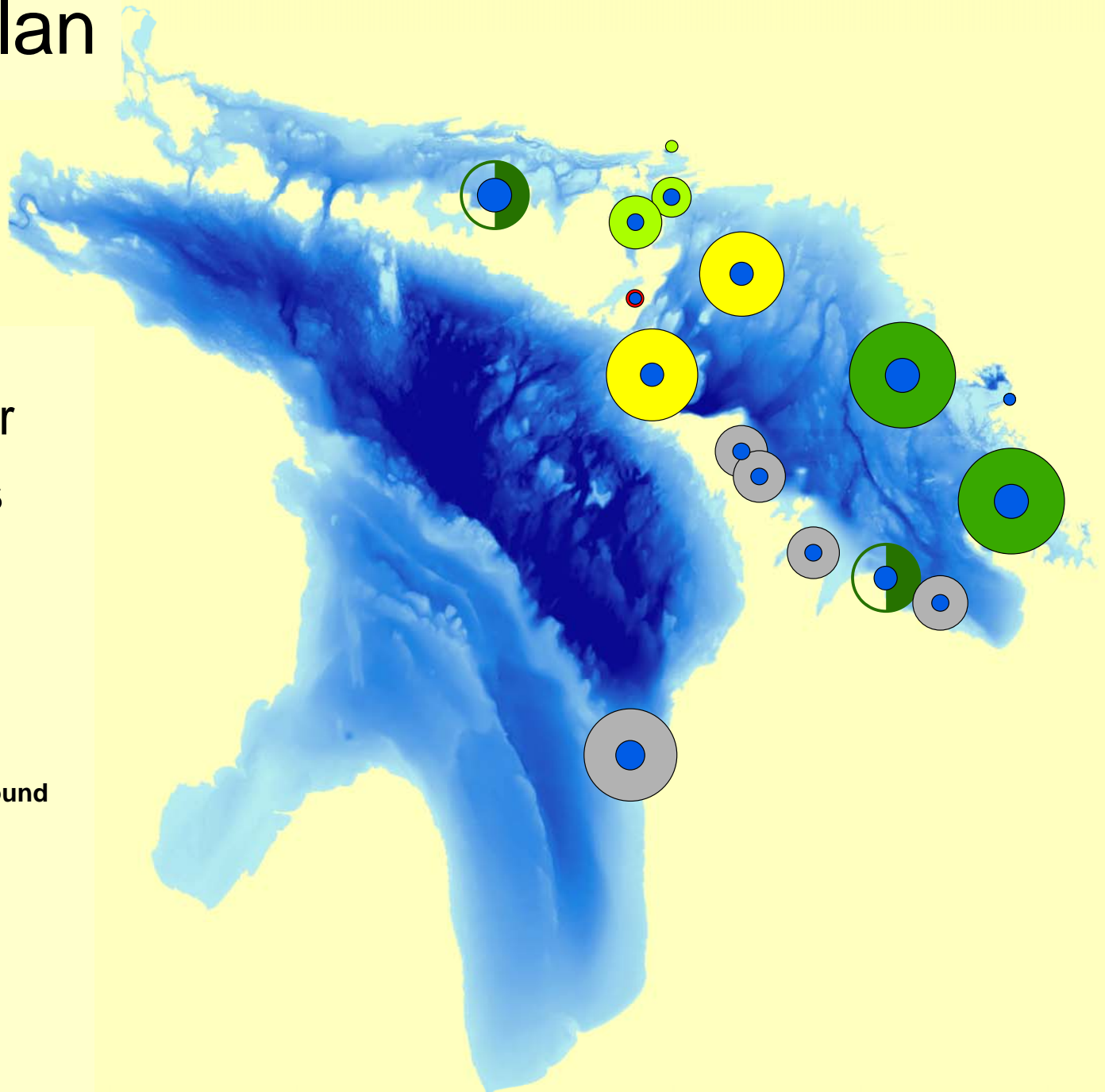
Stocking By Strain



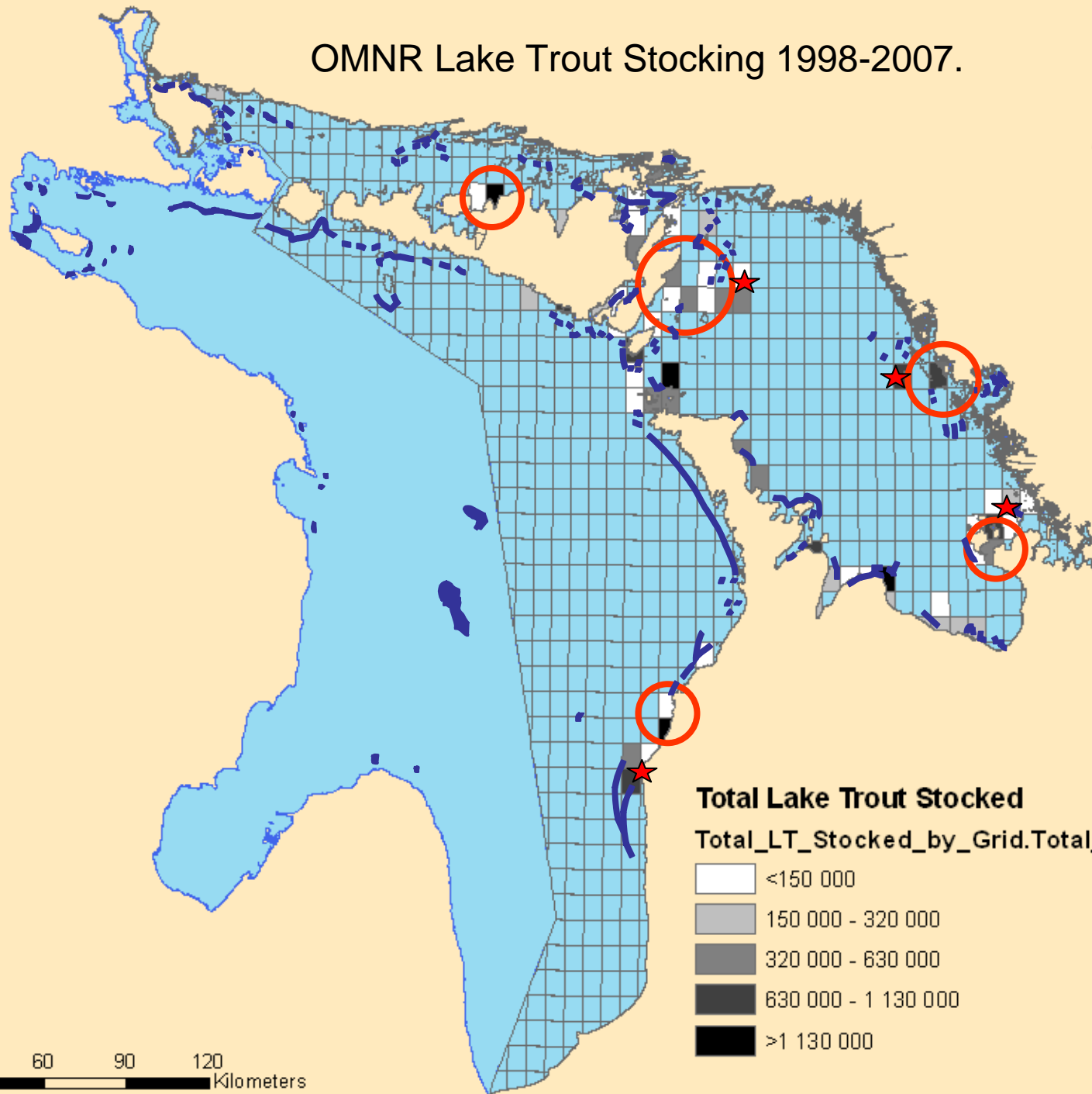
Stocking Plan

2.1 Million/Year
240 000 CWTs

-  Slate Island
-  Big Sound/Parry Sound
-  Iroquois Bay
-  Lake Manitou
-  Michipicoten
-  Paired Plant
-  Coded Wire Tags

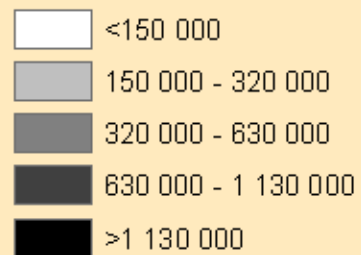


OMNR Lake Trout Stocking 1998-2007.



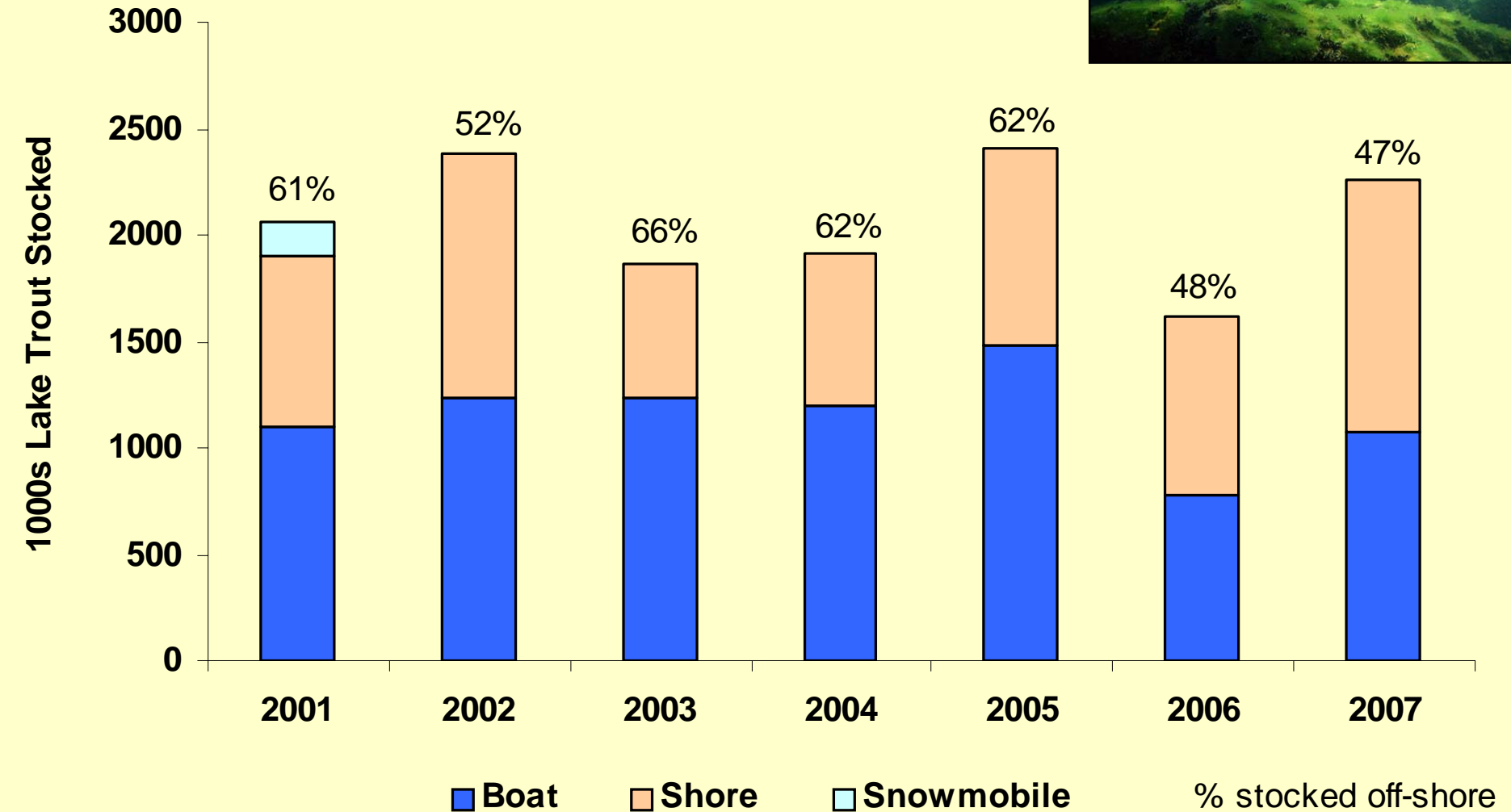
Total Lake Trout Stocked

Total_LT_Stocked_by_Grid.Total_Stocked

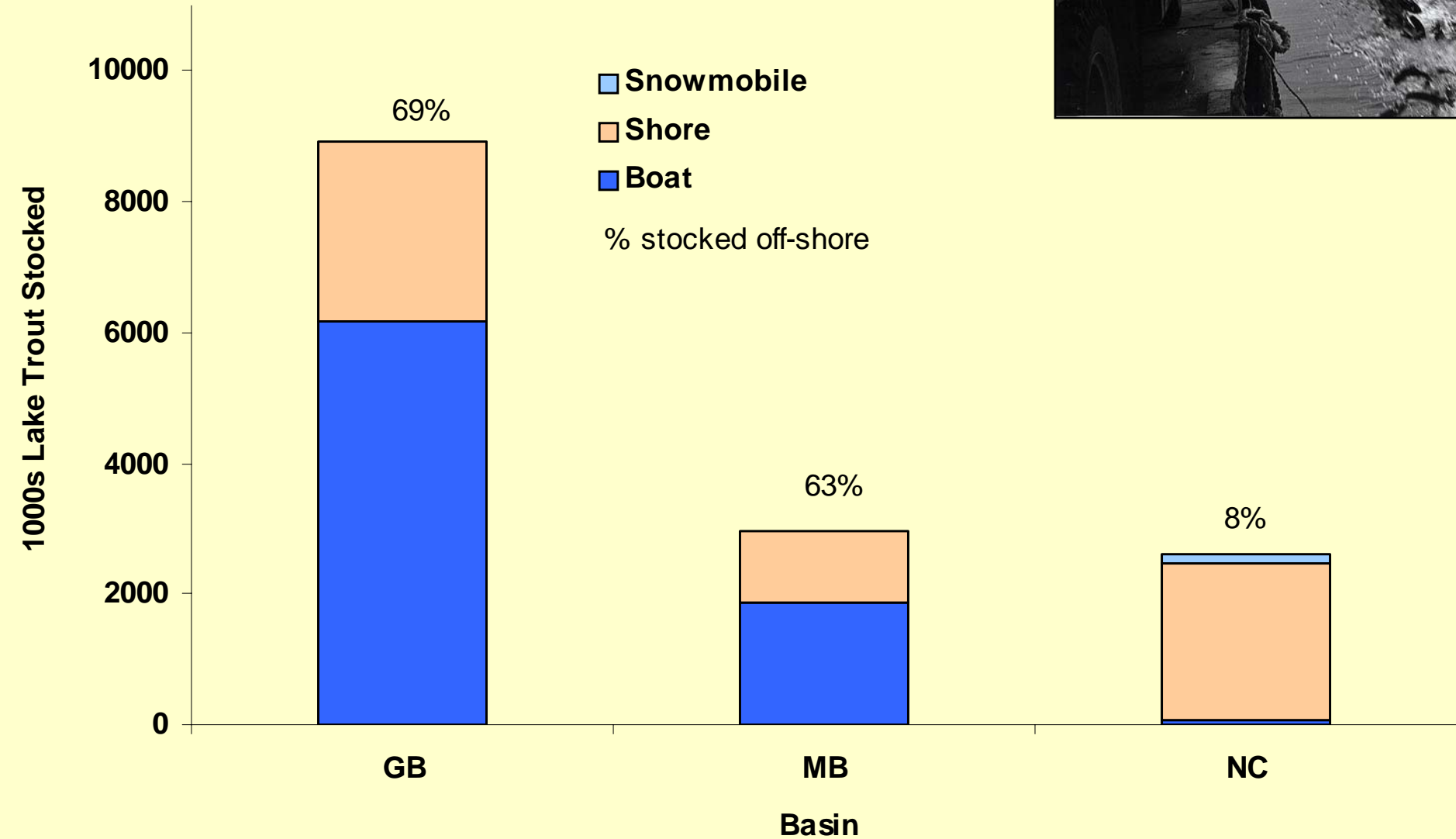


0 15 30 60 90 120
Kilometers

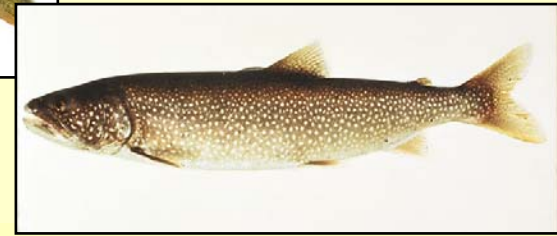
Stocking Method



Stocking Method

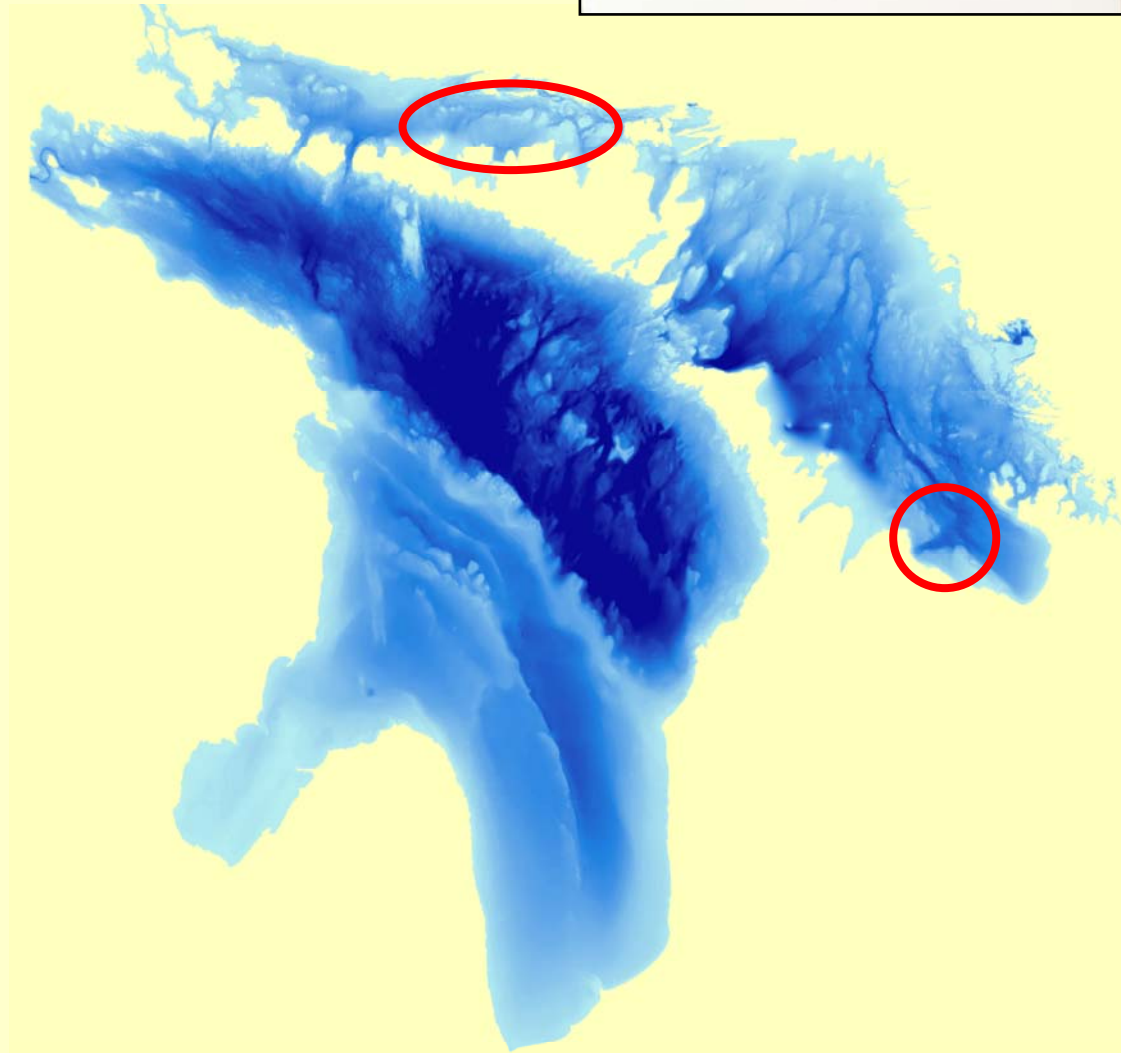


Paired Plant Experiments

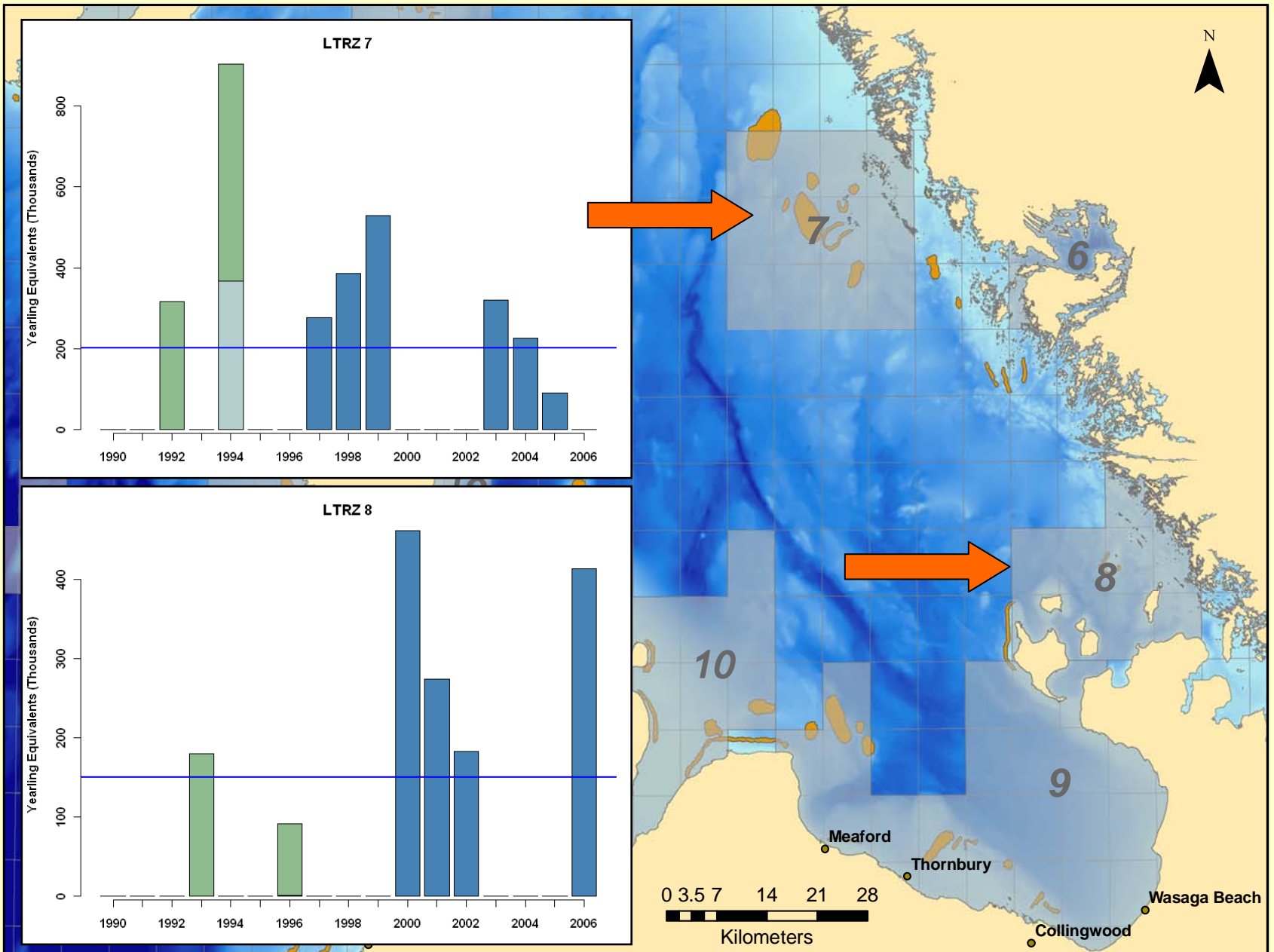


Big Spine Darter vs. Little Spine Darter

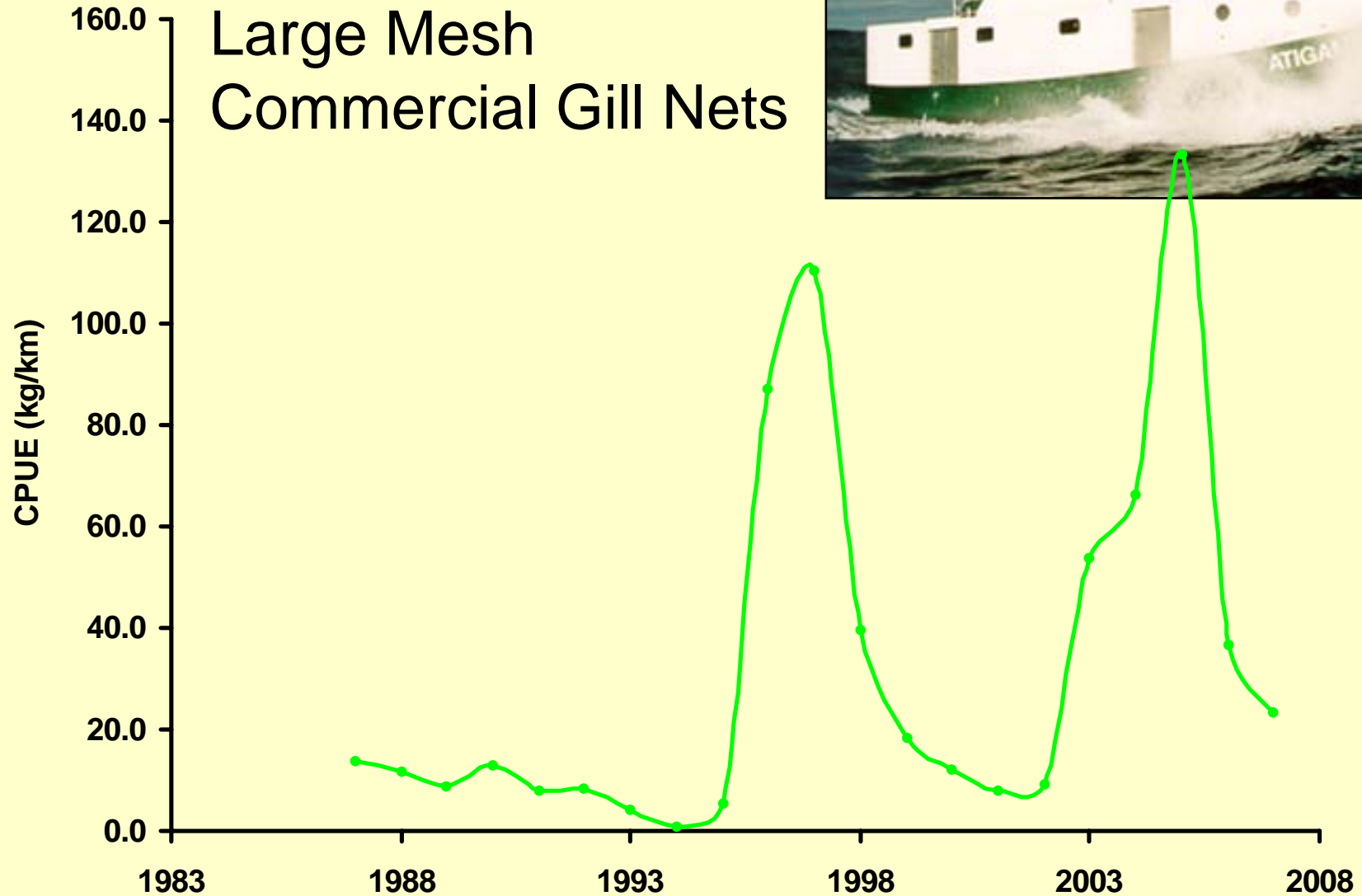
- 2008-2007 year classes
- 240 000 fish/strain
- Recoveries to date:
 - 237 Big Spine
 - 335 Little Spine



Pulse Stocking

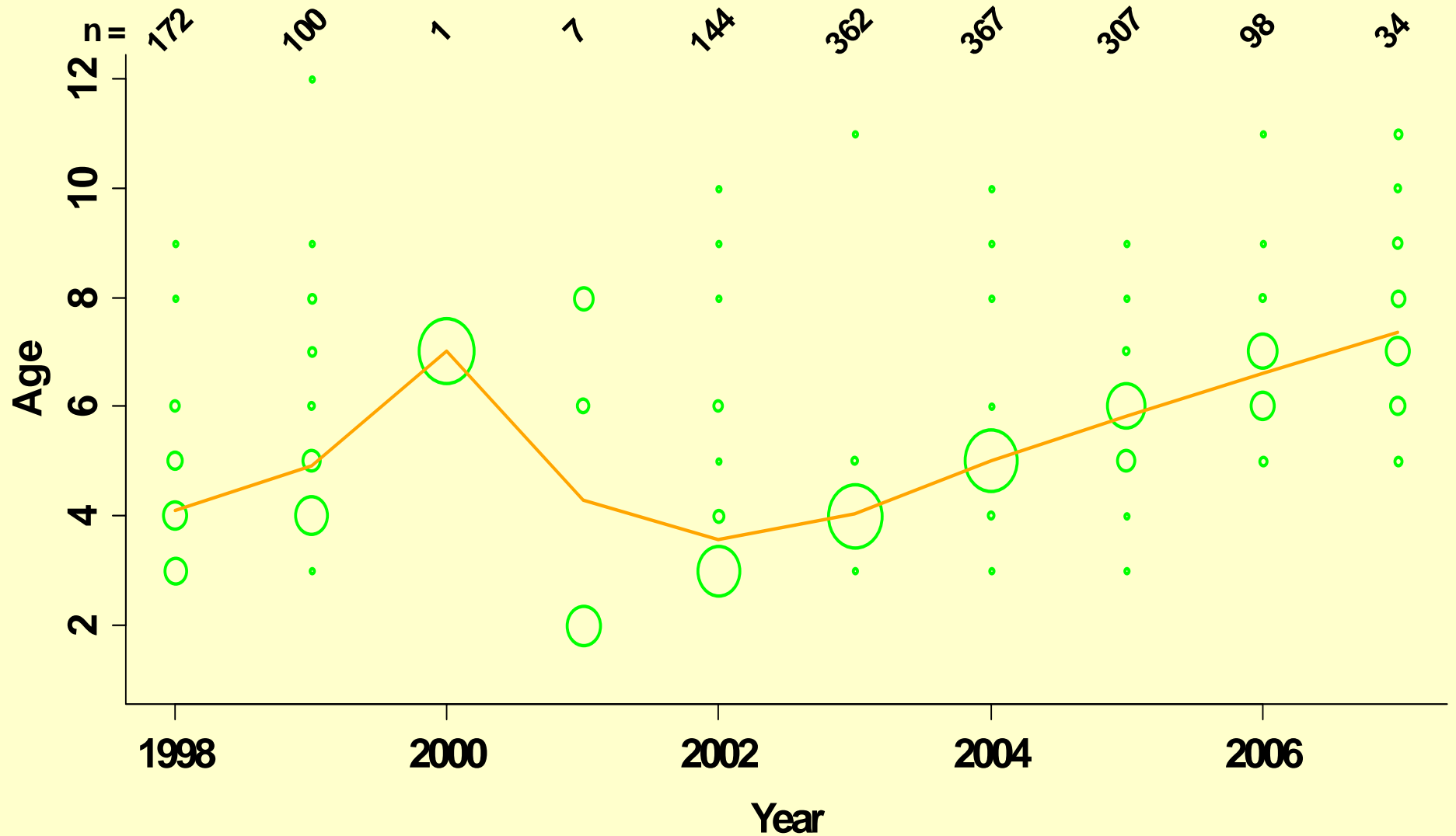


Pulse Stocking



Pulse Stocking

Age Composition – Commercial Catch



Goal

“To re-establish self-sustaining Lake Huron and thus contribute to sustainable harvests of high-valued fishing and

Lake Trout Rehabilitation Plan
For the Canadian Waters
of Lake Huron

January 2009

?

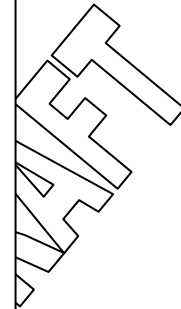


to waters of Lake
Huron
contains
edible fish and

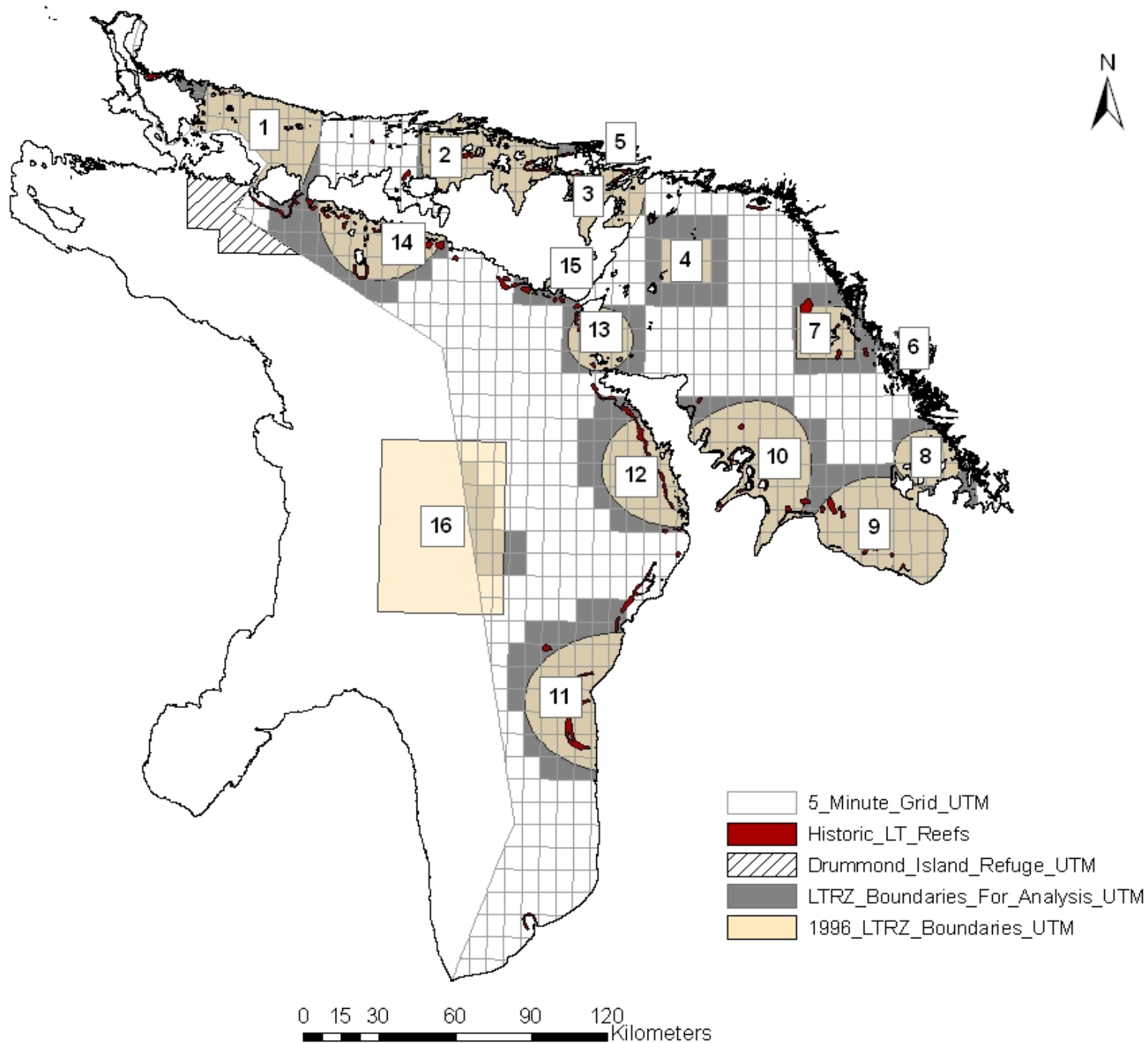


LAKE TROUT REHABILITATION
PLAN FOR LAKE HURON
(Canadian jurisdiction)
July 1994

Lake Trout Rehabilitation Efforts in
Waters of Lake Huron, 1974 to 2006



Management Unit,
ON



Stocking Rate Recommendations

- Increase from 2.5 to 4.5 yearlings per ha
- Area based on revised LTRZ boundaries



Stocking Strategy Recommendations

- Continue to evaluate pulse stocking
- Stock directly on spawning habitat where possible
- Night stocking should be evaluated to reduce predation



Stocking Strain Recommendations

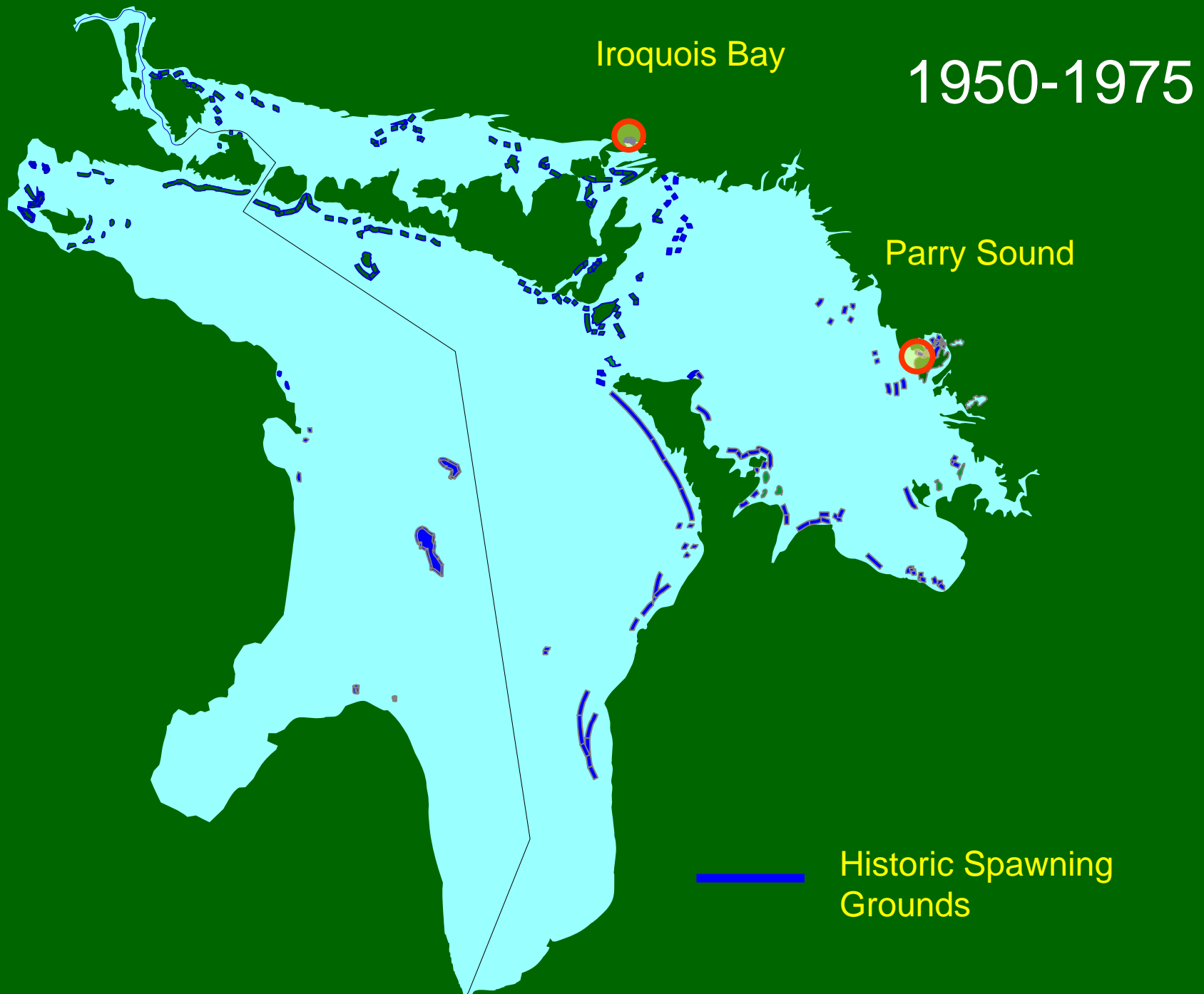
- Priority:
 - Lake Huron strains
 - Lake Superior strains
 - Seneca strain
- Integrate findings from paired plant experiments
- Deepwater strains should be explored



Additional Recommendations

- prioritize LTRZs
- Explicit stocking and assessment plans
- Enhance exploitation controls





2008

