

Benefits of Tree Drops

Mirror and Shadow Lakes

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What were our lakes like before humans?



Richard Brugam

- Hundreds (400-600) pieces of CWD per linear mile
- Mirror and Shadow Lakes have approximately 1.80 miles of shoreline collectively.



<http://www.sylvaniawildernesscabins.com/page04.html>

Benefits - Fish



- Refuge for young fish
- Foraging for predators
- Spawning habitat
- Increased growth rates

Benefits - Wildlife



- Turtles
- Birds
- Mammals

Painted Turtles - A.B. Sheldon

Benefits – Aquatic Insects



ENGBRETSON UNDERWATER PHOTOGRAPHY

- Algae Growth
- Provides a valuable food source

Benefits – Erosion Control



- Stabilizes shorelines
- Breaks up wave energy
- Prevents re-suspension of lake bed sediments
- Aquatic plant growth

Mirror and Shadow Lakes

- Three clusters of trees placed in winter of 2013-2014









Anchoring the Trees



- Keeps trees in desired location
- Prevents
 - Navigational hazard
 - Property destruction

Where to go from here?

- Moving in the right direction
- More tree drops would only benefit the lakes.
- On going internal DNR discussion about whether or not Mirror Lake would need an additional permit to do tree drops or if they can be added to existing permit for Shadow Lake

Questions?

