

HISTORICAL AND CULTURAL IMPORTANCE OF MAPLE SUGAR AND TRIBAL FOREST MANAGEMENT

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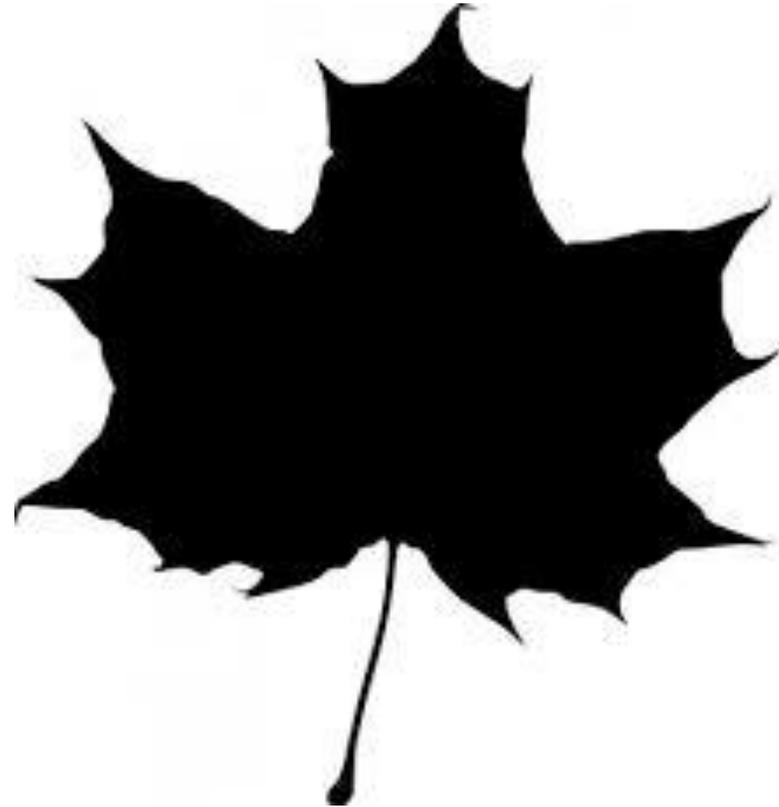
Intertribal Maple Syrup Producers Cooperative

Michigan Technological University



13 MOONS

- Great Spirit Moon
- Sucker Moon
- Hard Crust on the Snow Moon
- **Maple Sugar Moon**
- Flower Moon
- Time for Picking Strawberry Moon
- Half Way Through Summer Moon
- Ricing Moon
- Leaves Changing Color Moon
- Falling Leaves Moon
- Ice is Forming Moon
- Little Spirit Moon



HISTORICAL IMPORTANCE

- Maple sugar has been an extremely important commodity for the Anishinaabe of the Great Lakes region for hundreds of years. - Charles Cleland, Rites of Conquest
- In 1865, the Department of Interior, Mackinaw Agency, reported that the Keweenaw Bay Indian Community exported ~450,000 lbs of maple sugar to eastern cities.



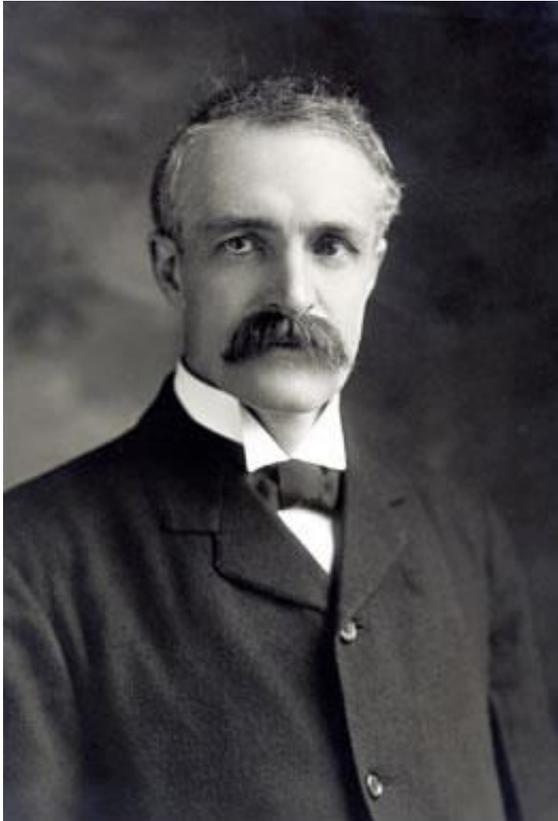
TIMBER RUSH



Field of Stumps
Logging the U.P. - 1900



BIRTH OF AMERICAN FORESTRY



Gifford Pinchot, circa
1905
Founder of the USFS.

- “..the greatest good of the greatest number in the long run.”
- Created the foundation for American Forestry.
- Maintain a steady flow of products for markets.
- **Were Tribes consulted?**



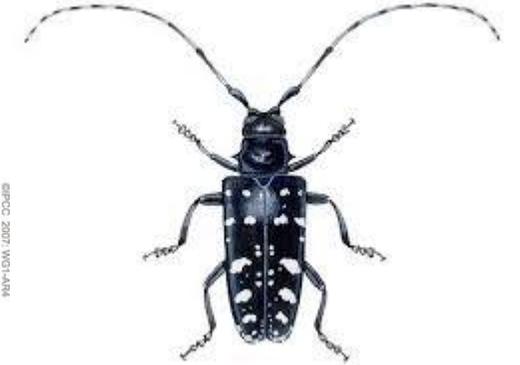
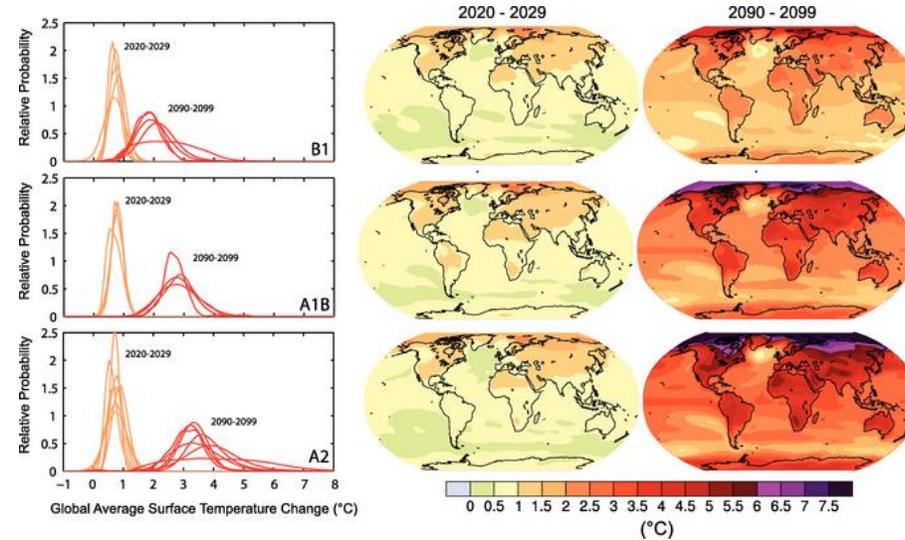
TRIBAL FOREST MANAGEMENT: HOW DO WE MOVE FORWARD?

- Look to the past and identify traditional use.
- Cultural values become decision drivers and provide guidelines for proper conduct for managers.
- Desired future conditions based on sustaining people and tradition.
- New metrics for success.
- Ensure cultural opportunity for future generations.
- Tribal members should NOT have to scavenge to continue their traditional way of life.



ENVIRONMENTAL IMPEDIMENTS

- Climate change
 - Lose of suitable habitat
 - Precipitation patterns
 - Invasive species
- Asian Longhorned Beetle
- Earth worms



13 MOONS

- The lunar calendar provides a roadmap for important environmental conditions and harvesting that has ensured the existence of our people and culture.
- Sugar maple is only one example of how we should manage Tribal lands to maintain cultural opportunity.
- Western silvicultural practices should help advance cultural objectives first and foremost.
- There has to be a paradigm shift. Cultural integrity must be paramount.





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