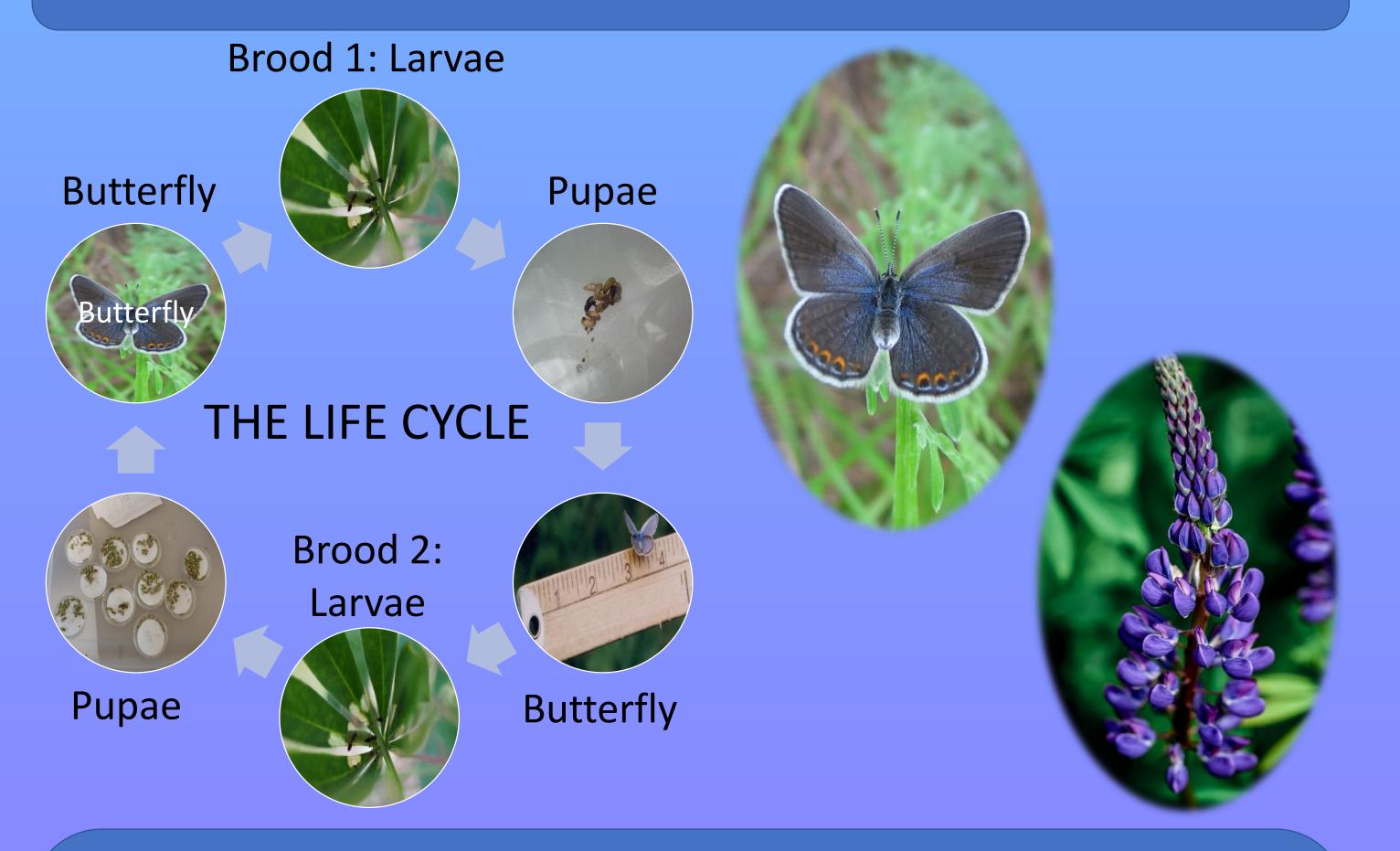
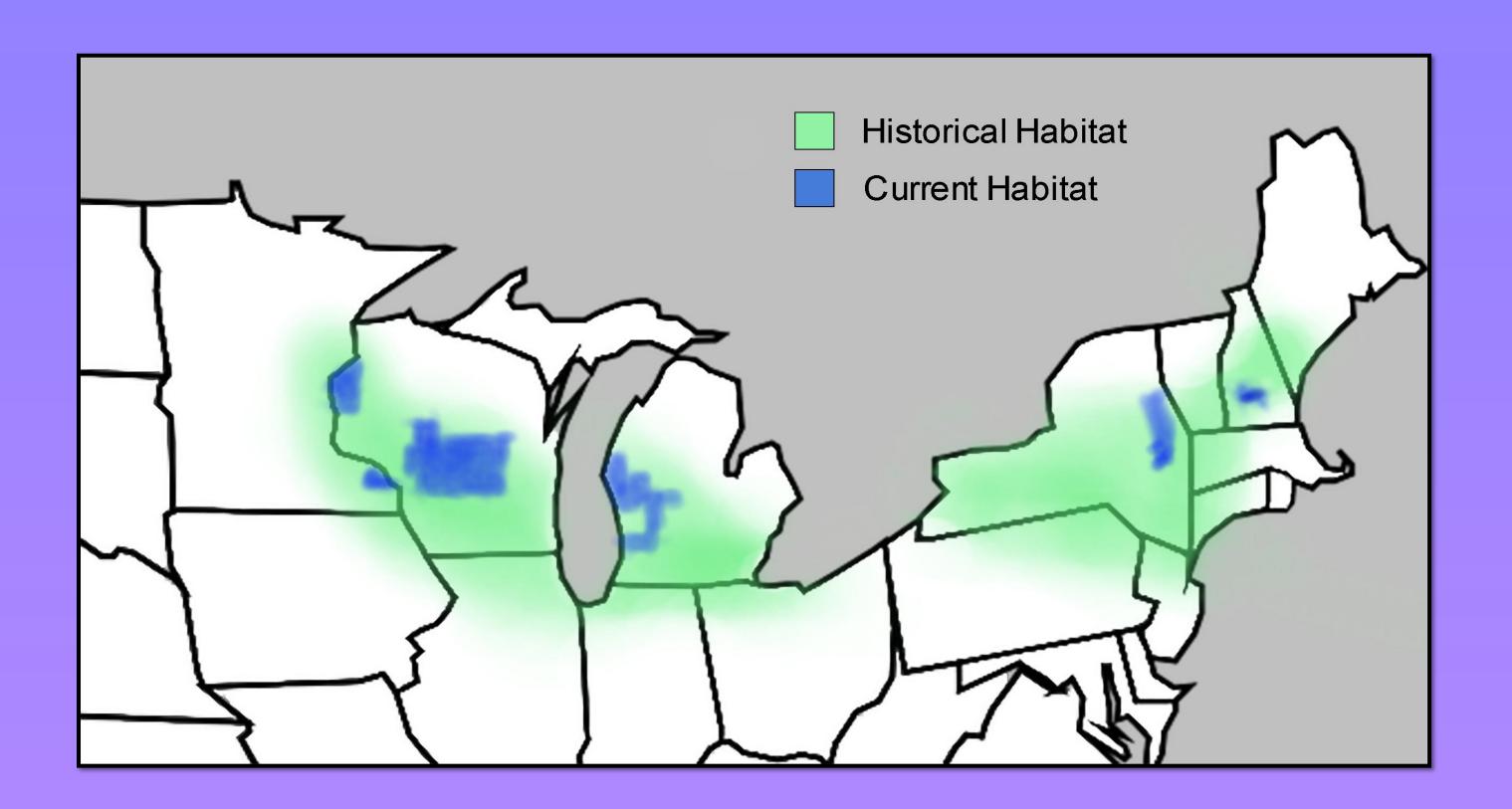


THE KARNER BLUE BUTTERFLY



THE PROBLEM

The Karner blue butterfly, Lycaeides Melissa Samuelis, habitat has decreased by 99.98% since the arrival of Europeans to America. This has drastically decreased the population of the Karner blue butterflies.

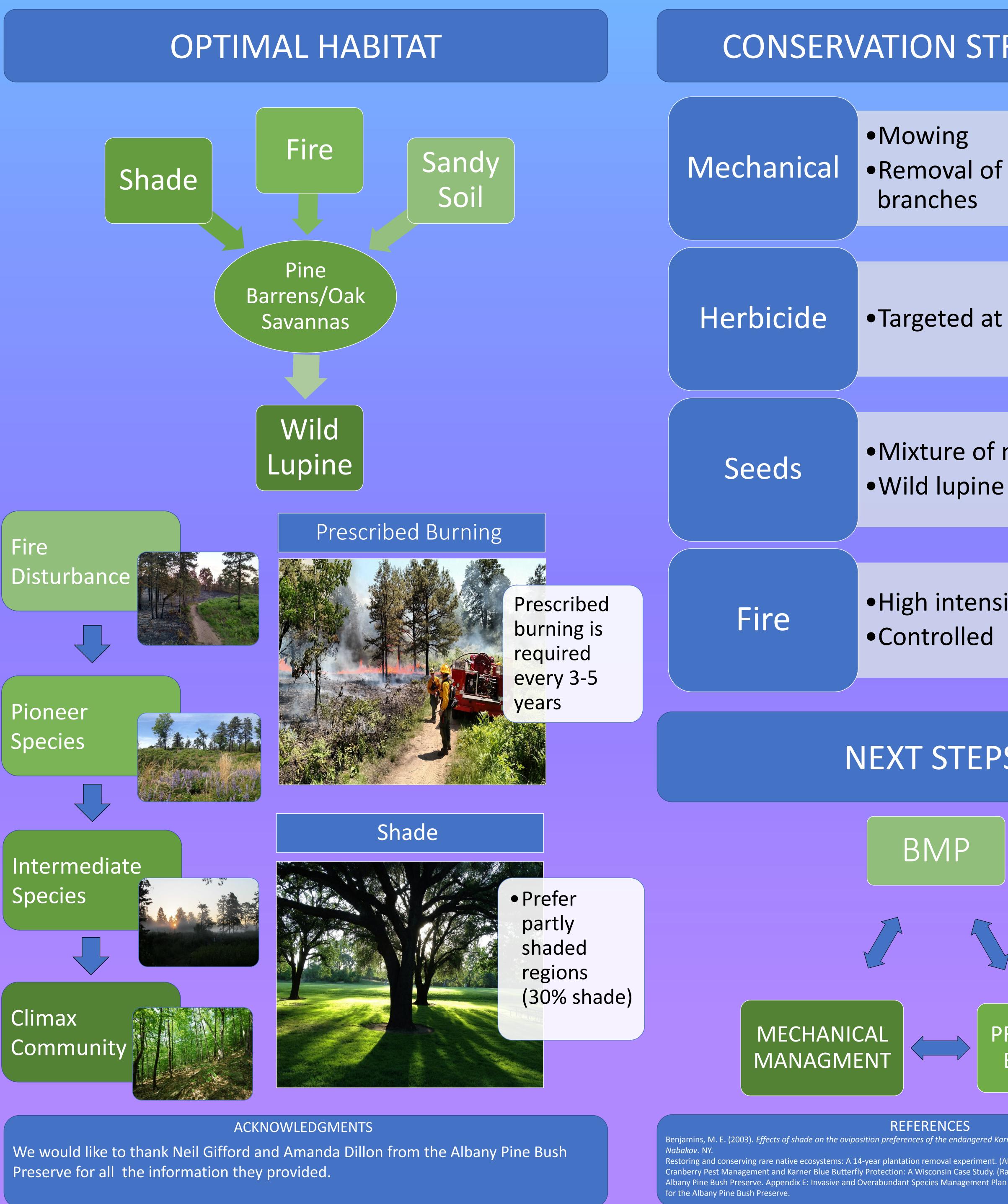


PROJECT GOALS

Create a Best Management Practice (BMP) that any individual or professional can use to maintain the Karner blue butterfly habitat in order to increase the population.

The Karner Blue Butterfly: A Best Management Practice Mickaela Gunnison, Anxhelo Ripa, Emma Fountain, Antoine Rodriguez

Professor Bakermans (BB), Professor Spanagel (HUA), PLA Kristen Chan (EVE)









CONSERVATION STRATEGIES

al	 Mowing Removal of trees and branches
	 Targeted at specific plants
	 Mixture of native plants Wild lupine
	High intensityControlled
NEXT STEPS	
BMP	



REFERENCES Benjamins, M. E. (2003). Effects of shade on the oviposition preferences of the endangered Karner Blue Butterfly, Lycaeides Melissa Samuelis

Restoring and conserving rare native ecosystems: A 14-year plantation removal experiment. (Abella, S. R., et al. 2017) Cranberry Pest Management and Karner Blue Butterfly Protection: A Wisconsin Case Study. (Racke, K. D., 2012)