[redacted]

Tim Scherbatskoy
School of Natural Resources
University of Vermont

Cooperators:

Deane Wang, UVM School of Natural Resources

Objectives

[redacted]

1 monitor ambient environmental conditions (ozone concentration, temperature,

[redacted]

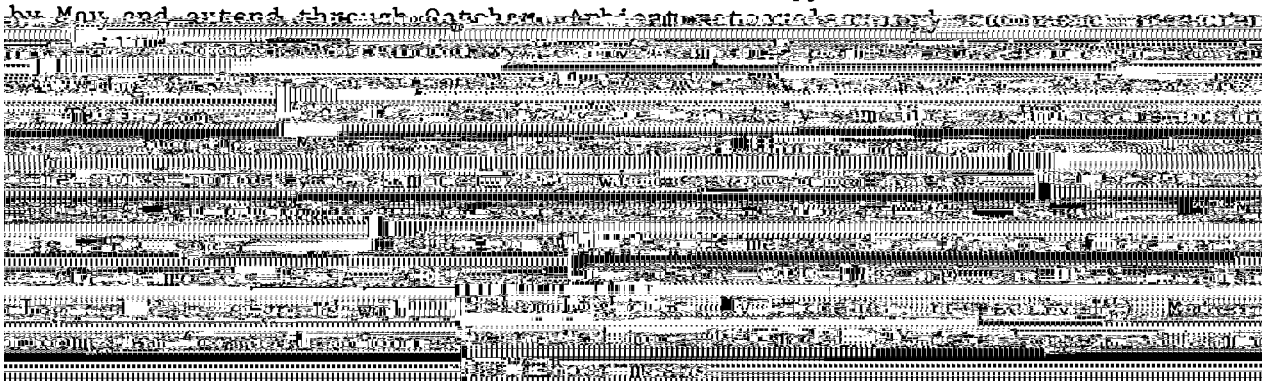
2 measure leaf area distribution (LAI), foliage distribution and PAR;

[redacted]

[redacted]

Methods:

In 1991, the tower was constructed, planning for this project was conducted, and supplies and equipment were ordered. All canopy measurements will commence by May and extend through October ambient meteorological and ecophysiological



Micro-meteorological wind data will be collected utilizing three dimensional

[redacted]

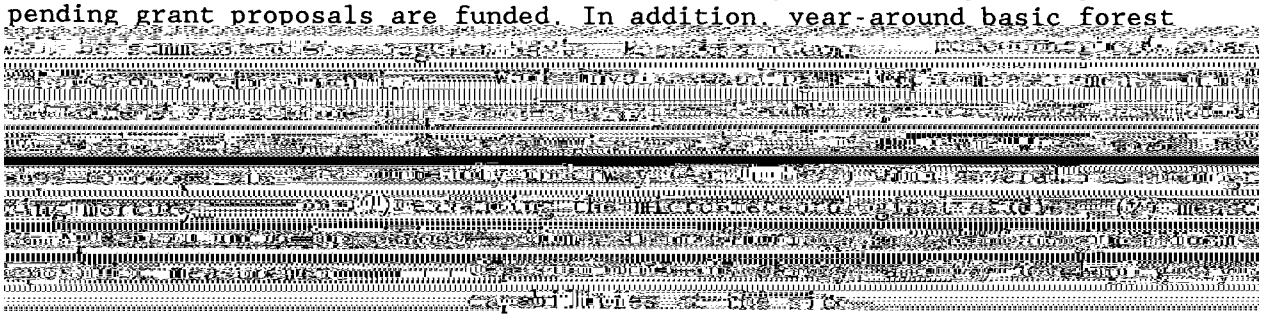
three heights. Typically these calculations require fast (< 1 s) gas data acquisition, but we anticipate being able to make meaningful calculations with

Phenology of leaf-out in spring and canopy structural changes through the

Significant Findings

Future Plans

This research project will run for at least two years and may be expanded if pending grant proposals are funded. In addition, year-around basic forest



Funding Sources:

and the