

## Bio 270 - Pine Lab

### Range Pond State Park Study

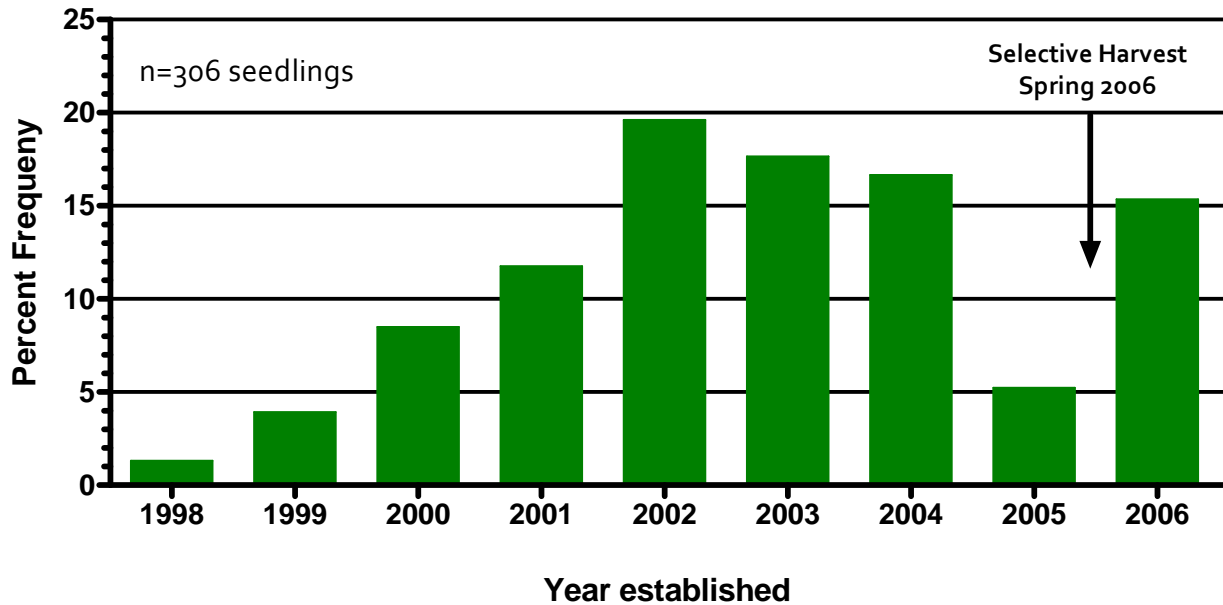


Figure 1. Recruitment pattern of white pine seedlings in Range Pond State Park, along Plains Roads, based on a sample from January 2007. The increased numbers of age 1 seedlings in 2006 may be related to a selective harvest conducted in the spring of 2006 which increased spacing of trees and opened the canopy. Age 1 seedlings were fairly uniformly distributed throughout the stand whereas in prior years seedlings were strongly concentrated in gaps. The increase in establishment from 1998 - 2004 is likely related to natural thinning of the stand due to the Ice Storm of 1998 and white pine decline (~60% mortality of mature pines) resulting from several droughty years in the mid-90's.