

Scenario #2:

Property Overview:

The Lark property consist of 170 acres, all of which are productive forest aside from a small clearing for a cabin <1 acre. Eastern white pine, sugar maple, American beech and yellow birch make up the majority of the tree stocking. Associated species found in varying mixtures include Eastern hemlock, red maple white ash and black cherry. The landowner's main objective in ownership is to conserve the ecological and recreational value of the land. In addition to these objectives, the landowner has shown interest in implementing forest management that would improve forest breeding bird habitat on the property.

Landscape Context:

The Lark property is located in the eastern Adirondacks and is surrounded by similar mature forest with only small wetlands and abandon fields contributing to the 1% young forest present in the 2,500-acre landscape.

Stand Description:

The stand you're looking to manage is 80 acres of mature northern hardwood forest (150+ years old). Unacceptable growing stock and pulp make up over 50% of the overall stocking and there is evidence of past high-grading activity. Large diameter snags ($\geq 18''$ DBH) are present in the stand however, coarse (<3' in length and 10" in diameter) and fine woody debris are lacking. Honeysuckle has taken advantage of the limited light that's currently reaching the forest floor. There are roughly 145 trees per acre with a mean stand diameter of 12.0" DBH.

Addressing landscape and stand-level habitat considerations as well as other landowner objectives, please draft a mock silvicultural prescription for this stand:

How does your mock prescription for this stand meet landowner objectives and benefit forest breeding bird species? Please list several forest birds that may benefit from the management you are proposing.