

Restoration and Management Case Studies

Bruce Scherer
Heritage Fields
Orange, MA

In collaboration with
Polatin Ecological Services, Gill MA

Defining Goals

- What is the intended use?
 - Agricultural
 - Wildlife Habitat
 - Recreational
- What are the current conditions?
- What is the management plan?
 - Short Term
 - Long Term

Site Assessment

- Access
- Current Vegetation
- Slopes
- Rough terrain
- Rocks
- Stumps
- Drainages

Site Assessment

- Access



Site Assessment

- Current Vegetation



Site Assessment

- Slopes
- Rough
- Rocks



Site Work Strategy

- Preparation
 - Timber harvester
 - Brontosaurus
 - Tree Shear
 - Stumping
 - Brush Mower
 - Rotary Mower
 - Herbicide when and where required

Timber Harvester



Tree Shear







Boom Sprayer Applying Herbicide





Site Work Strategy

- Finishing
 - Grapple Cleanup
 - Raking
 - Harrow
 - Seeding
 - Flail Mower







Ag Fields: Improvement

- Soil Assessment
 - Testing
 - Amendments
 - Mineral
 - Cover Cropping
- Cultivation
 - Harrow
- Seeding
 - Low Till, Over-seeding, Brillion





Oats and Winter Peas



Targeted Habitat Improvement Before, During, and After

- Sibley Farm (Audobon), Spencer MA
- Reed-Powell Conservation Area, Harvard MA
- Donnelly Farm (private pasture), Northfield MA
- Noquochoke Wildlife Management Area,
Dartmouth MA

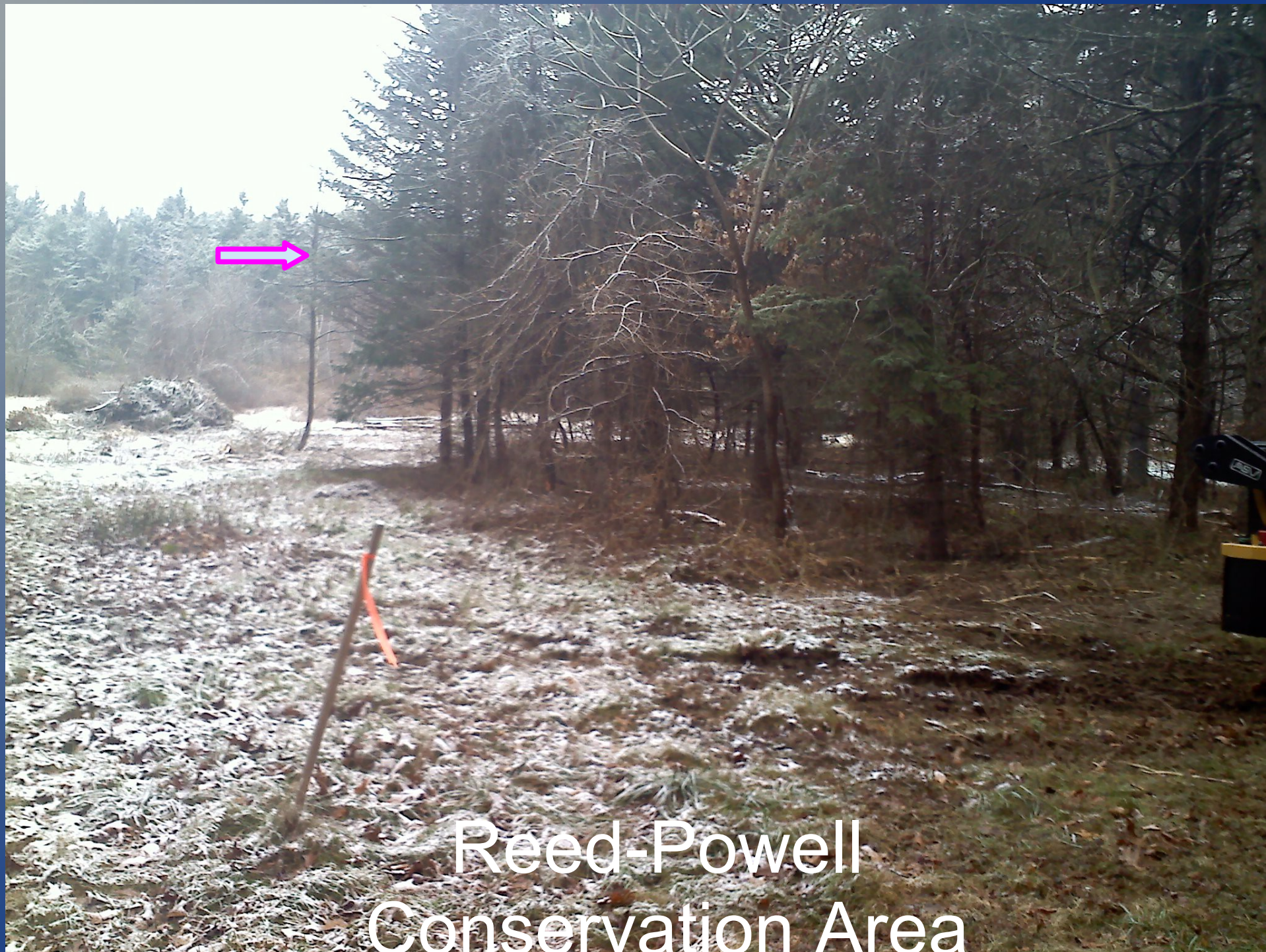
Sibley Farm











Reed-Powell
Conservation Area





Donnelly Farm Pasture Reclamation





Habitat Improvement Establishment of Warm Season Grasses



After Herbicide



Or the 100% Organic Methodology...

Bruce Scherer

Heritage Fields

978-979-6519

heritagefields@gmail.com

