

Individual Plot Report

Plot:	FDc24-0009
UTM Northing	5177194
UTM Easting:	355481
Plot Type:	BMK
Surveyor(s):	Harvey Tjader and Jake Keranen
Date:	18
Month Text:	JUN
Year:	2016
Azimuth1:	0
Azimuth2:	90
Comments:	Benchmark for Jacov Keranen case study. Jack pine and quaking aspen stand. Jack pine is rapidly declining. Understory contains abundant Pennsylvania sedge.

Cumulative Count of Species

Plot Area (m2)	Native	Introduced	Invasive
1	9	0	0
2	12	0	0
4	14	0	0
8	19	0	0
16	23	0	0
32	30	0	0
64	36	1	0
128	37	1	0
256	46	1	1
512	57	1	1
1024	66	2	1

Species Present by Plot

Plot area (m2): 1

Agastache foeniculum (Blue giant-hyssop)
 Amelanchier (Juneberry)
 Carex pensylvanica (Pennsylvania sedge)
 Corylus americana (American hazelnut)
 Diervilla lonicera (Bush honeysuckle)
 Galium boreale (Northern bedstraw)
 Maianthemum canadense (Canada mayflower)
 Rosa acicularis (Prickly rose)
 Trientalis borealis (Starflower)

Plot area (m2): 2

Aster ciliolatus (Lindley's aster)
 Oryzopsis asperifolia (Mountain rice-grass)
 Prunus virginiana (Chokecherry)

Plot area (m2): 4

Parthenocissus (Virginia creeper; Woodbine)
 Quercus rubra (Northern red oak)

Plot area (m2): 8

Anemone quinquefolia (Wood-anemone)
 Corallorhiza trifida (Early coral-root)
 Populus tremuloides (Quaking aspen)
 Uvularia sessilifolia (Pale bellwort)
 Viola (Violet)

Plot area (m2): 16

Galium triflorum (Three-flowered bedstraw)
 Lonicera dioica (Wild Honeysuckle)
 Pinus banksiana (Jack pine)
 Schizachne purpurascens (False melic grass)

Plot area (m2): 32

Aralia nudicaulis (Wild sarsaparilla)
 Cornus foemina (Gray dogwood)
 Fragaria virginiana (Common strawberry)
 Hieracium scabriusculum (Rough hawkweed)
 Poa pratensis (Kentucky bluegrass)
 Prunus pensylvanica (Pin cherry)
 Vaccinium angustifolium (Lowbush blueberry)

Plot area (m2): 64

Apocynum androsaemifolium (Spreading dogbane)
 Heuchera richardsonii (Alum-root)
 Lathyrus ochroleucus (Pale vetchling)
 Rubus pubescens (Dwarf raspberry)
 Taraxacum officinale (Common dandelion)
 Thalictrum dioicum (Early meadow-rue)
 UNKNOWN Unknown (Unknown)

Plot area (m2): 128

Vaccinium myrtilloides (Velvet-leaf blueberry)

Plot area (m2): 256

Corylus cornuta (Beaked hazelnut)
 Dryopteris carthusiana (Spinulose shield-fern)
 Dryopteris cristata (Crested fern)
 Lycopodium annotinum (Bristly clubmoss)
 Rhamnus cathartica (Common buckthorn)
 Ribes hirtellum (Swamp gooseberry)
 Rubus strigosus (Red raspberry)
 Salix humilis (Prairie willow)
 Symphoricarpos albus (Snowberry)
 Viburnum trilobum (High-bush cranberry)

Plot area (m2): 512

Alnus (Alder)
 Aster lateriflorus (Side-flowering aster)
 Aster macrophyllus (Large-leaved aster)
 Athyrium angustum (Lady-fern)
 Betula papyrifera (Paper-birch)
 Campanula rotundifolia (Harebell)

Fraxinus pennsylvanica (Green ash)

Lathyrus venosus (Veiny pea)

Pyrola secunda (One-sided pyrola)

Quercus macrocarpa (Bur oak)

Rhus radicans (Poison ivy)

Plot area (m²): 1024

Achillea millefolium (Yarrow)

Andropogon gerardii (Big bluestem)

Anemone canadensis (Canada anemone)

Crataegus (Hawthorn)

Gaultheria procumbens (Wintergreen)

Lithospermum canescens (Hoary puccoon)

Melampyrum lineare (Cow-wheat)

Pteridium aquilinum (Bracken)

Pyrola asarifolia (Pink-flowered pyrola)

Sanicula marilandica (Mariland black snakeroot)