

Planting 2 – Bluestem Bottoms Upper Planting – Spring 1987

This area was planted in November of 1987 according to maps found in the paper files made by Dennis Lubbs. (There were other areas planted that year, so it is unclear if all of the following seed was planted in this field, likely the ones marked WM-wetland were not planted in this planting).

The following species were on the 1987 seed list under Dry Mesic (DM) in Sept. of 1987 and likely planted in this planting:

Ane cyl, Amo can, Ast eri, Ast lae, Ast obl, Ast umb, Astrag can, Bap leucophea, Bou cur, Bou hir, Chr cam, Ech pal, Ely can, Gen pub, Hel lae, Hel occ, Kuh eup, Lia asp, Mon fis, Oen bie, Ono his, Par int, Pet pur, Pot arg, Rat pin, Ros car, Rud hir, Sch (And) sco, Sil lac, Sol spe, Sor nut, Spo het, Tep vir.

There were other species listed as Mesic and Wet/Mesic and T (transitional?) that may have also been planted. See paper files.

Beyond that we do not know if it was mowed and we do not know when it was burned until our burn records of December 12, 1993. It also burned May of 1995, May 1998 and the western end in fall 1996 or spring 1997.

This planting is doing well in parts, especially the driest knobs. There are other spots with too much brome, sweet clover, Queen Anne's lace and even too much stiff goldenrod. We have beaten back the sweet clover pretty well as of 1999 through mowing and herbiciding since 1994.

July 7, 2009 by Bill Kleiman:

The very tops of the east two rises have a lot of nice plants. The three rises on the west half are not as nice but the west most one is ok. The sweetclover on the west rises is quite thick and we have mowed and spot sprayed there for years. Funny that we don't mention above all the red clover we currently see in this planting. It is thick in most of the areas except the tops of the rises. This year and some last year we sprayed some of the red clover areas. A few of the west swales have become spotted with patches of BFT (*Lotus corniculatus*) which is centered north of there. We are not what to do with this planting. Likely we will boom spray Transline on the red clover and keep mowing the sweet clover. We can over seed perhaps with a combine produced product.

Frequency ratings:

"Few" means saw 1-5 plants on walk.

"Common" means saw 6 to 24.

"Abundant" means saw 25 or more.

Planting #: 2

Planting Name: Bluetem Bottoms unit - upper ridge planting 1997

Approx Size: 35 acres

Inventory Date: 8/19/2006

Recorders Names: Bill Kleiman, Chris Hauser, Steve Packard

Time to Complete 15 minutes

Data Entry: Bill Kleiman

SCIENTIFIC NAME	COMMON NAME	FREQUENCY
Andropogon (Schizachyrium) D479 s	Little Bluestem	abundant
Lespedeza capitata --	Round-headed Bush Clover	abundant
Solidago rigida	Stiff Goldenrod	abundant
Andropogon gerardii	Big Bluestem; Turkeyfoot	common
Chrysopsis camporum	Golden aster	Common
Echinacea pallida	Pale Purple Coneflower	Common
Monarda fistulosa	Wild Bergamot	common
Silphium integrifolium	Rosinweed	common
Silphium laciniatum	Compass plant	common
Artemisia caudata (campestris)	Beach Wormwood	few
Asclepias verticillata	Whorled Milkweed	few
Bouteloua curtipendula	Side-Oats Grama	few
Desmodium illinoense	Ill. Tick Trefoil	few
Gaura biennis pitcheri (longiflora)	Common Gaura	few
Helianthus occidentalis	Western Sunflower; Naked S.	few
Helianthus rigidus (laetiflorus)	Prairie Sunflower	few
Liatris aspera	Rough Blazing-star (Rough Ga	few
Petalostemum (Dalea) purpureum	Purple Prairie Clover	few
Rosa carolina	Pasture Rose	few
Sporobolus asper	Rough Dropseed	few
Triosteum aurantiacum	Early Horse Gentian (Orange-	few
Abutilon theophrasti	Velvetleaf	
Acalypha virginica rhomboidea	Three-seeded Mercury	
Acer negundo	Box Elder	
Acer nigrum	Black Maple	
Acer saccharinum	Silver Maple	
Achillea millefolium	Yarrow	

<i>Acorus calamus (americanus)</i>	Sweet Flag
<i>Actaea rubra</i>	Red Baneberry
<i>Actinomeris (Verbesina) alternifolia</i>	Wingstem
<i>Adiantum pedatum</i>	Maidenhair Fern
<i>Agalinis (Gerardia) purpurea</i>	Purple (Pink) Gerardia
<i>Agalinis (Gerardia) tenuifolia</i>	Slender False Foxglove
<i>Agastache nepetoides</i>	Yellow Giant Hyssop
<i>Agastache scrophulariaefolia</i>	Purple Giant Hyssop
<i>Agoseris cuspidata** (Nothocalais)</i>	Prairie Dandelion
<i>Agrimonia gryposepala</i>	Tall (?) Agrimony
<i>Agrimonia parviflora</i>	Swamp Agrimony
<i>Agrimonia pubescens</i>	Soft Agrimony
<i>Agrimonia sp.</i>	
<i>Agropyron repens</i>	Quack Grass
<i>Agrostis alba</i>	Redtop
<i>Agrostis hymenalis</i>	Tickle Grass
<i>Ajuga reptans</i>	Carpet Bugle
<i>Alisma subcordatum (Plantagoaquatic)</i>	Common Water Plantain
<i>Alliaria petiolata (officinalis)</i>	Garlic Mustard
<i>Allium canadense</i>	Wild Garlic
<i>Allium cernuum</i>	Nodding Wild Onion
<i>Allium tricoccum burdicki</i>	Burdick's Leek
<i>Ambrosia artemesiifolia elatior</i>	Common Ragweed
<i>Ambrosia psilostachya coronopifolia</i>	Western Ragweed
<i>Ambrosia trifida</i>	Giant Ragweed
<i>Amelanchier arborea</i>	Serviceberry
<i>Amelanchier humilis</i>	Serviceberry
<i>Amelanchier leavis</i>	Allegheny Shadblow
<i>Amorpha canescens</i>	Leadplant
<i>Amorpha fruticosa</i>	Indigo Bush
<i>Amphicarpa bracteata</i>	Hog Peanut
<i>Amphicarpa bracteata comosa</i>	Lowland Hog Peanut
<i>Anemone canadensis</i>	Meadow Anemone
<i>Anemone caroliniana</i>	Caroline Anemone
<i>Anemone cylindrica</i>	Thimbleweed
<i>Anemone patens (Pulsatilla p.)</i>	Pasque Flower
<i>Anemone quinquefolia</i>	Wood Anemone

Anemone virginiana	Tall Thimbleweed
Angelica atropurpurea	Alexander's Angelica; Great Angelica
Antennaria neglecta	Field Cat's Foot
Antennaria plantaginifolia	Pussy Toes (Everlasting)
Apios Americana	Ground Nut
Apocynum androsaemifolium	Spreading Dogbane
Apocynum cannabinum (X medium)	Dogbane (Indian Hemp)
Apocynum sibiricum	Prairie Indian Hemp
Aquilegia canadensis	Wild Columbine
Arabis canadensis	Sicklepod
Arabis glabra	Tower Mustard
Arabis laevigata	Smooth Rock Cress
Arabis perstellata shortii	Toothed Cress
Arctium minus	Common Burdock
Arenaria (Minuartia) stricta	Stiff Sandwort
Arenaria (Moehringia) lateriflora	Wood Sandwort
Arisaema dracontium	Green dragon
Arisaema triphyllum (atrorubens)	Jack-in-the-Pulpit
Aristida purpurascens	Arrow Feather
Aronia (Pyrus) prunifolia (melanocarpa)	Black Chokeberry
Aronia prunifolia	Chokeberry
Artemisia ludoviciana gnaphalodes	White Sage; Prairie Sage
Artemisia sp.	
Asclepias amplexicaulis	Sand Milkweed
Asclepias hirtella	Hairy Green Milkweed
Asclepias incarnata	Swamp Milkweed
Asclepias lanuginosa **	Woolly Milkweed
Asclepias purpurascens	Purple Milkweed
Asclepias syriaca	Common Milkweed
Asclepias tuberosa interior	Butterfly Weed
Asclepias viridiflora	Short Green Milkweed
Asparagus officinalis	Asparagus
Asplenium platyneuron	Ebony Spleenwort
Aster azureus (oolentangiensis)	Sky-blue Aster
Aster ericoides (prostratus)	Heath Aster
Aster furcatus ***	Forked Aster
Aster laevis	Smooth (Blue)(Silky) Aster

<i>Aster lateriflorus</i>	Calico (Starved) Aster
<i>Aster linariifolius</i>	Stiff Aster (Flax-Leaved)
<i>Aster novae-angliae</i>	New England Aster
<i>Aster oblongifolius</i>	Aromatic Aster
<i>Aster ontarionis (missouriensis)</i>	Ontario Aster
<i>Aster pilosus</i>	Hairy Aster
<i>Aster praealtus</i>	Willow Aster
<i>Aster ptarmicoides</i>	White Aster (Stiff Aster)
<i>Aster puniceus</i>	Swamp (Purple-stemmed) Aster
<i>Aster puniceus firmus (?)</i>	Shining Aster
<i>Aster sagittifolius drummondii</i>	Drummond's Aster
<i>Aster sericeus</i>	Silky Aster
<i>Aster shortii</i>	Short's Aster
<i>Aster umbellatus</i>	Flat-topped Aster
<i>Astragalus canadensis</i>	Canadian Milk Vetch
<i>Athyrium filix-femina michauxii (angustifolium)</i>	Lady Fern
<i>Atriplex rosea</i>	Red Orache
<i>Aureolaria (Gerardia) grandiflora pulchra</i>	Yellow False Foxglove
<i>Aureolaria (Gerardia) pedicularia ambigua</i>	Clammy False Foxglove
<i>Baptisia leucantha</i>	White Wild Indigo
<i>Baptisia leucophaea</i>	Cream Wild Indigo
<i>Barbarea vulgaris (arcuata)</i>	Winter Cress; Yellow Rocket
<i>Berberis thunbergii</i>	Japanese Barberry
<i>Berteroa incana</i>	Hoary Alyssum
<i>Bidens cernua</i>	Nodding Bur-marigold
<i>Bidens comosa (tripartita)</i>	Swamp Tickseed
<i>Bidens frondosa</i>	Beggar's Ticks
<i>Bidens vulgata</i>	Tall Beggar's Ticks
<i>Boehmeria cylindrica</i>	False Nettle
<i>Boehmeria cylindrica drummondiana</i>	Drummond's False Nettle
<i>Botrychium dissectum dissectum</i>	Cut-leaved Grape Fern Bronze Fern
<i>Botrychium dissectum obliquum</i>	Cut-leaved Grape Fern
<i>Botrychium oneidense</i>	Oneida Grape Fern
<i>Botrychium virginianum</i>	Rattlesnake Fern
<i>Bouteloua hirsuta</i>	Hairy Grama
<i>Bromus ciliatus</i>	Fringed Brome
<i>Bromus inermis</i>	Smooth (Hungarian) Brome

<i>Bromus japonicus</i>	Japanese Chess
<i>Bromus pubescens</i>	Woodland Brome
<i>Bromus tectorum</i>	Downy Brome
<i>Bulbostylis capillaris</i>	Hair Sedge
<i>Cacalia atriplicifolia</i>	Pale Indian Plantain
<i>Cacalia plantaginea (tuberosa)</i>	Indian Plantain
<i>Cacalia suaveolens</i>	Sweet-scented Indian Plantain
<i>Calamagrostis canadensis</i>	Blue Joint Grass
<i>Callirhoe triangulata</i>	Clustered Poppy Mallow
<i>Caltha palustris</i>	Marsh Marigold
<i>Campanula americana</i>	Tall Bellflower
<i>Campanula aparinoides</i>	Marsh Bellflower
<i>Campsis radicans</i>	Trumpet vine
<i>Cannabis sativa</i>	Hemp
<i>Capsella bursa-pastoris</i>	Shepherd's Purse
<i>Cardamine bulbosa</i>	Bulbous Cress
<i>Cardamine pennsylvanica</i>	Pennsylvania Bitter Cress
<i>Carduus nutans</i>	Nodding Thistle (Musk Thistle)
<i>Carex aggregata</i>	Smooth Clustered Sedge
<i>Carex annectens xanthocarpa</i>	Small Yellow Fox Sedge
<i>Carex bicknellii</i>	Copper-shouldered oval Sedge
<i>Carex blanda</i>	Common wood sedge
<i>Carex brevior</i>	Plains Oval Sedge
<i>Carex buxbaumii</i>	Dark-scaled Sedge
<i>Carex cephaloidea</i>	Rough-clustered Sedge
<i>Carex cephalophora</i>	Woodbank Sedge
<i>Carex comosa</i>	Bristly Sedge
<i>Carex cristatella</i>	Crested Oval Sedge
<i>Carex emoryi</i>	Riverbank Sedge
<i>Carex festucacea</i>	Fescue Oval Sedge
<i>Carex gracilima</i>	Graceful Sedge
<i>Carex grvida</i>	Long-awned Bracted sedge
<i>Carex grisea</i>	Wood Gray edge
<i>Carex haydenii (stricta)</i>	Long-scaled Tussock sedge
<i>Carex hirtifolia</i>	Hairy Wood Sedge
<i>Carex hystericina "hystericina"</i>	Porcupine (Bottlebrush) Sedge
<i>Carex interior</i>	Prairie Star Sedge

Carex jamesii	Grass Sedge
Carex lacustris	Common Lake Sedge
Carex laevivaginata	Smooth-sheathed Fox Sedge
Carex molesta	Field Oval Sedge
Carex muhlenbergii	Sand bracted sedge
Carex muhlenbergii (enervis)	Sand Bracted Sedge (Muhlenberg's)
Carex normalis	Spreading Oval sedge
Carex pellita (lanuginosa)	Broad-leaved Woolly Sedge
Carex pennsylvanica	Common Oak (Penn) Sedge
Carex pennsylvanica	Common oak sedge
Carex praegracilis	Expressway Sedge
Carex richardsonii	Prairie Hummock sedge
Carex rosea (C. convoluta)	Curly-styled Wood Sedge
Carex sartwellii	Running Marsh Sedge
Carex scoparia	Lance-fruited Oval (Broom) Sedge
Carex siccata (foenea)	Running Savanna Sedge
Carex sp.	
Carex spargainoides	Loose-headed Bracted Sedge
Carex stipata	Common Fox Sedge
Carex stricta	Tussock Sedge
Carex suberecta	Wedge-fruited Oval Sedge
Carex tenera	Narrow-leaved Oval Sedge
Carex tetanica	Common stiff Sedge
Carex tribuloides	Awl-fruited Oval Sedge
Carex trichocarpa	Hairyfruited Lake Sedge
Carex umbellata	Early Oak Sedge
Carex vulpinoidea	Brown Fox Sedge
Carpinus caroliniana	Blue Beech (Am. Hornbeam)
Carya cordiformis	Bitternut Hickory
Carya ovata	Shagbark Hickory
Cassia fasciculata	Partridge Pea
Cassia hebecarpa	Wild Senna
Cassia nictitans	Wild sensitive plant
Castilleja sessiliflora **	Downy Yellow Painted Cup
Catalpa Speciosa	Catalpa
Caulophyllum thalictroides	Blue Cohosh
Ceanothus americanus	New Jersey Tea

<i>Celtis occidentalis</i>	Hackberry
<i>Cenchrus longispinus</i>	Sandbur
<i>Centaurea maculosa</i>	Spotted Knapweed
<i>Cephalanthus occidentalis</i>	Buttonbush
<i>Cerastium vulgatum</i>	Mouse-ear Chickweed
<i>Chaerophyllum procumbens</i>	Streambank Chervil
<i>Chelone glabra</i>	Turtlehead
<i>Chenopodium album</i> (missouriense)	White Goosefoot; Lamb's quarters
<i>Chenopodium standleyanum</i>	Woodland Goosefoot
<i>Chrysanthemum leucanthemum</i>	Ox-eye Daisy
<i>Chrysopsis camporum</i> (Heterotheca)	Golden Prairie Aster
<i>Cichorium intybus</i>	Chickory
<i>Cinna arundinacea</i>	Common Wood Reed
<i>Circaea lutetiana canadensis</i>	Enchanter's Nightshade
<i>Cirsium arvense</i>	Canada Thistle
<i>Cirsium discolor</i>	Pasture Thistle
<i>Cirsium hillii</i> *** (pumilum)	Hill's Thistle
<i>Cirsium muticum</i>	Swamp Thistle
<i>Cirsium vulgare</i>	Bull Thistle
<i>Claydonia furcata</i>	Reindeer Lichen
<i>Claydonia squamula</i>	
<i>Claytonia virginica</i>	Spring Beauty
<i>Clematis virginiana</i>	Virgin's Bower
<i>Comandra umbellata</i> (richardsiana)	False Toadflax
<i>Conium maculatum</i>	Poison Hemlock
<i>Convolvulus</i> (Calystegia) sepium	Hedge Bindweed
<i>Convolvulus arvensis</i>	Field Bindweed
<i>Coreopsis lanceolata</i>	Sand Coreopsis
<i>Coreopsis palmata</i>	Prairie Coreopsis
<i>Coreopsis tripteris</i>	Tall Coreopsis
<i>Cornus obliqua</i>	Pale Dogwood
<i>Cornus racemosa</i>	Gray Dogwood
<i>Cornus stolonifera</i>	Red-Osier Dogwood
<i>Corylus americana</i>	American Hazelnut
<i>Crataegus coccinea</i> (holmesiana)	Scarlet Hawthorn
<i>Crataegus crus-galli</i>	Cockspur Hawthorn
<i>Crataegus mollis</i>	Downy Hawthorn

<i>Crataegus pruinosa</i>	Frosted Hawthorn
<i>Crataegus punctata</i>	Dotted Hawthorn
<i>Cryptotaenia canadensis</i>	Honewort
<i>Cuscuta campestris</i>	Field Dodder
<i>Cuscuta gronovii</i>	Common Dodder
<i>Cynoglossum officinale</i>	Hound's Tongue
<i>Cyperus filiculmis</i>	Slender Sand Sedge
<i>Cyperus sp.</i>	
<i>Cyperus strigosus</i>	Long-scaled Nut Sedge
<i>Cystopteris fragilis protrusa</i>	Fragile Fern
<i>Dactylis glomerata</i>	Orchard Grass
<i>Danthonia spicata</i>	Poverty Oat Grass
<i>Datura stramonium</i>	Jimson Weed
<i>Daucus carota</i>	Queen Anne's Lace
<i>Dentaria laciniata</i>	Toothwort
<i>Desmodium canadense</i>	Showy Tick Trefoil
<i>Desmodium glutinosum</i>	Pointed Tick Trefoil
<i>Desmodium sp.</i>	
<i>Dianthus armeria</i>	Deptford Pink
<i>Dicentra cucullaria</i>	Dutchman's Breeches
<i>Digitaria ischaemum</i>	Hairy Crab Grass
<i>Dodecatheon meadia</i>	Shooting Star
<i>Draba reptans</i>	Whitlow Cress (Grass)
<i>Dryopteris cristata (x bootii)</i>	Crested Wood (Shield) Fern
<i>Dryopteris intermedia (spinulosa)</i>	Florist's Wood Fern
<i>Dryopteris spinulosa (carthusiana)</i>	Spinulose Wood Fern
<i>Dryopteris thelypteris pubescens (The</i>	Marsh Shield Fern
<i>Echinacea purpurea</i>	Broad-leaved Purple coneflower
<i>Echinochloa crusgalli</i>	Barnyard Grass
<i>Echinocystis lobata</i>	Wild Cucumber
<i>Elaeagnus angustifolia</i>	Russian Olive
<i>Elaeagnus umbellata</i>	Autumn Olive
<i>Eleocharis elliptica</i>	Golden-seeded Spike Rush
<i>Eleocharis erythropoda (calva)</i>	Red-rooted Spike Rush
<i>Eleocharis obtusa (ovata)</i>	Blunt spike Rush
<i>Eleocharis tenuis verrucosa</i>	Slender Spike Rush
<i>Ellisia nyctelea</i>	Aunt Lucy

<i>Elymus canadensis</i>	Prairie Wild Rye
<i>Elymus riparius</i>	Riverbank Wild Rye
<i>Elymus villosus</i>	Silky Wild Rye
<i>Elymus virginicus</i>	Va. Wild Rye
<i>Epilobium coloratum</i>	Cinnamon Willow Herb
<i>Equisetum arvense</i>	Horsetail
<i>Equisetum hyemale affine</i>	Tall Scouring Rush
<i>Equisetum laevigatum (hymenale i. / k</i>	Smooth Scouring Rush
<i>Eragrostis cilianensis</i>	Stink Grass
<i>Eragrostis spectabilis</i>	Purple Love Grass
<i>Erechtites hieracifolia</i>	Fireweed
<i>Erigeron (Conyza) canadensis</i>	Horseweed
<i>Erigeron annuus</i>	Annual Fleabane
<i>Erigeron philadelphicus</i>	Marsh Fleabane
<i>Erigeron strigosus</i>	Daisy Fleabane
<i>Eriophorum angustifolium ** (viridi-car</i>	Narrow-leaved (Tall) Cotton Grass
<i>Eryngium yuccifolium</i>	Rattlesnake Master
<i>Eupatorium altissimum</i>	Tall Boneset
<i>Eupatorium maculatum</i>	Spotted Joe Pye Weed
<i>Eupatorium perfoliatum</i>	Boneset
<i>Eupatorium purpureum</i>	Purple Joe-Pye Weed
<i>Eupatorium rugosum</i>	White Snakeroot
<i>Eupatorium serotinum</i>	Late Boneset
<i>Euphorbia corollata</i>	Flowering Spurge
<i>Festuca elatior (arundinacea)</i>	Tall Fescue
<i>Festuca obtusa (subverticillata)</i>	Nodding Fescue
<i>Filipendula rubra **</i>	Queen-of-the-Prairie
<i>Floerkea proserpinacoides</i>	False Mermaid
<i>Fragaria virginiana</i>	Wild Strawberry
<i>Fraxinus pennsylvanica ????</i>	Red Ash
<i>Fraxinus americana</i>	White Ash
<i>Fraxinus pennsylvanica subinterrima</i>	Green Ash
<i>Galium aparine</i>	Annual Bedstraw, Cleavers
<i>Galium borale</i>	Northern Bedstraw
<i>Galium circaezans hypomala cum</i>	Hairy Wild Licorice
<i>Galium concinnum</i>	Shining Bedstraw
<i>Galium obtusum</i>	Wild Madder

<i>Galium triflorum</i>	Sweet-Scented Bedstraw
<i>Gentiana (alba) flavida</i>	Cream Gentian
<i>Gentiana (Gentianopsis) crinita</i>	Fringed Gentian
<i>Gentiana andrewsii</i>	Bottle (or Closed) Gentian
<i>Gentiana purberulenta</i>	Prairie Gentian
<i>Gentiana saponaria</i>	Soapwort Gentian
<i>Geranium columbinum</i>	Long-stalked Cranesbill
<i>Geranium maculatum</i>	Wild Geranium
<i>Geranium sibiricum</i>	Siberian Cranesbill
<i>Geum aleppicum strictum</i>	Yellow Avens
<i>Geum canadense</i>	White Avens; Wood Avens
<i>Geum triflorum</i>	Prairie Smoke (Long-plumed Purple Avens)
<i>Glechoma hederacea micrantha</i>	Creeping Charlie (Gill-over-the-ground)
<i>Gleditsia triacanthos</i>	Honey Locust
<i>Glyceria striata</i>	Fowl Manna Grass
<i>Glycine Max</i>	Soy Bean
<i>Gnaphalium obtusifolium</i>	Sweet Everlasting (Old-Field Balsam)
<i>Gratiola neglecta</i>	Clammy Hedge Hyssop
<i>Grindelia squarrosa</i>	Gum Plant (Gumweed)
<i>Habenaria (Platenthera) hyperborea</i>	N. Bog Orchid
<i>Habenaria (Platenthera) lacera</i>	Ragged Fringed Orchid
<i>Hackelia virginiana</i>	Stickseed
<i>Hedoma hispida</i>	Rough Pennyroyal
<i>Helenium autumnale</i>	Sneezeweed
<i>Helianthemum canadense</i>	Common Rockrose (Frostweed)
<i>Helianthus grosseserratus</i>	Sawtooth Sunflower
<i>Helianthus hirsutus</i>	Hispid sunflower
<i>Helianthus mollis</i>	Hairy Sunflower
<i>Helianthus sp.</i>	
<i>Helianthus tuberosus</i>	Jerusalem Artichoke
<i>Heliopsis helianthoides</i>	False Sunflower; " Ox-eye "
<i>Hemerocallis fulva</i>	Orange Daylily
<i>Hepatica acutiloba</i>	Sharp-lobed Hepatica
<i>Hesperis matronalis</i>	Dame's Rocket
<i>Heuchera richardsonii grayana</i>	Rough Heuchera; Alum root
<i>Hibiscus trionum</i>	Flower-of-an-Hour
<i>Hieracium caespitosum (pratense)</i>	Field Hawkweed

Hieracium canadense	Canada Hawkweed
Hieracium gronovii	Hairy Hawkweed
Hieracium longipilum	Long-Bearded Hawkweed
Hieracium scabrum	Rough Hawkweed
Hierochloe odorata	Sweet or Vanilla Grass
Hordeum jubatum	Squirrel-tail Grass
Houstonia (Hedyotis) longifolia (canac	Long-Leaved Bluets
Houstonia (Hedyotis) nigricans	Narrow-leaved Bluets
Humulus lupulus	Common Hop
Hydrophyllum virginianum	Virginia Waterleaf
Hypericum (Triadenum) virginicum fra	Marsh St. Johnswort
Hypericum canadense	Canadian St. Johnswort
Hypericum gentianoides	Orange Grass
Hypericum majus	Sand St. Johnswort
Hypericum perforatum	Common St. Johnswort
Hypericum punctatum	Spotted St. Johnswort
Hypericum pyramidatum	Great St. Johnswort
Hypericum sp.	
Hypericum spaerocarpum	Round-fruited St. Johnswort
Hypoxis hirsuta	Yellow Star Grass
Hystrix patula (Elymus hystrix)	Bottlebrush Grass
Impatiens capensis (biflora)	Spotted Touch-Me-Not (Jewelweed)
Impatiens pallida	Pale Touch-Me-Not (Jewelweed)
Ipomea hederacea	Ivy-Leaved Morning Glory
Ipomoea pandurata	Wild Sweet Potato
Iris virginica shrevei	Blue Flag
Isanthus (Trichostema) brachiatus (m)	False Pennyroyal
Juglans nigra	Black Walnut
Juncus canadensis	Canadian Rush
Juncus dudleyi	Dudley's Rush
Juncus greenei	Greene's Rush
Juncus interior	Inland Rush
Juncus marginatus	Grass-leaved Rush
Juncus tenuis	Path Rush
Juncus torreyi	Torrey's Rush
Juniperus virginiana crebra	Eastern Red Cedar
Koeleria cristata (macrantha)	Prairie June Grass

Krigia biflora	Two-flowered Cynthia (False Dandelion)
Krigia virginica	Dwarf Dandelion
Kuhnia (Brickellia) eupatoroides coryn	False Boneset
Lactuca canadensis	Wild Lettuce
Lactuca floridana	Blue Lettuce
Lactuca serriola (scariola)	Prickly Lettuce
Laportea canadensis	Wood Nettle
Lathyrus palustris myrtlifolius	Marsh Vetchling
Lechea stricta	Bushy Pinweed
Lechea tenuifolia	Slender-Leaved Pinweed
Lechea villosa (mucronata)	Hairy Pinweed
Leersia oryzoides	Rice Cut Grass
Lemna miniscula (minuta)	Dinky Duckweed
Lemna minor	Small duckweed
Leonurus cardiaca	Motherwort
Leonurus marrubiastrum	Lion's Tail
Lepidum virginicum	Common Peppergrass
Lespedeza capitata X leptostachya	HYBRID Bush Clover
Lespedeza leptostachya ****	Prairie Bush Clover
Leucobryum glucum	
Liatris cylindracea	Dwarf Blazingstar
Liatris pycnostachya	Tall Gayfeather; Prairie Blazing Star
Lilium michiganense	Turk's Cap lily
Lilium philadelphicum andinum	Prairie Lily; Wood Lily; Western Lily
Linaria canadensis	Blue Toadflax
Linaria vulgaris	Butter-'n-Eggs
Linum sulcatum	Groved Yellow Flax
Linum usitatissimum	Common Flax
Liparis liliifolia	Purple Twayblade
Lithospermum canescens	Hoary Puccoon
Lithospermum incisum	Fringed (Narrow-leaved) Puccoon
Lobelia cardinalis	Cardinal Flower
Lobelia inflata	Indian Tobacco
Lobelia siphilitica	Great Lobelia
Lobelia spicata	Pale-spike Lobelia
Lolium perenne	Perennial Rye Grass
Lonicera maackii	Amur Honeysuckle

<i>Lonicera muendeniensis</i>	Common Fly Honeysuckle
<i>Lonicera prolifera</i>	Yellow Honeysuckle
<i>Lonicera x bella</i>	Showy Fly Honeysuckle
<i>Lotus corniculatus</i>	Birdsfoot Trefoil
<i>Ludwigia palustris americana</i>	Marsh Purslane
<i>Lupinus perennis</i>	Wild Lupine
<i>Lychnis alba</i>	White Campion
<i>Lycopus americanus</i>	Common Water Horehound
<i>Lycopus uniflorus</i>	Northern Bugle Weed
<i>Lysimachia ciliata</i>	Fringed Loosestrife
<i>Lysimachia lanceolata</i>	Lance-Leaved Loosestrife
<i>Lysimachia quadriflora</i>	Narrow-Leaved (Whorled) Loosestrife
<i>Lysimachia thrysiflora</i>	Tufted Loosestrife
<i>Lythrum alatum</i>	Winged Loosestrife
<i>Maclura pomifera</i>	Osage Orange
<i>Malus pumila</i>	Apple
<i>Malus ioensis</i>	Iowa Crab
<i>Malva neglecta</i>	Common Mallow; Cheeses
<i>Medicago lupulina</i>	Black Medic
<i>Medicago sativa</i>	Alfalfa
<i>Melilotus alba</i>	White Sweet Clover
<i>Melilotus officinalis</i>	Yellow Sweet Clover
<i>Melilotus sp.</i>	
<i>Menispermum canadense</i>	Moonseed
<i>Mentha arvensis villosa</i>	Wild Mint
<i>Mertensia virginica</i>	Virginia Bluebells
<i>Mimulus glabratus fremontii</i> **	Yellow Monkey Flower
<i>Mimulus ringens</i>	Monkey Flower
<i>Mirabilis nyctaginea (oxybaphus)</i>	Four O'Clock
<i>Mitella diphylla</i>	Bishop's Cap; Mitrewort
<i>Mnium affine</i>	
<i>Monarda punctata villicualis</i>	Horse Mint
<i>Morus alba</i>	White Mulberry
<i>Morus rubra</i>	Red Mulberry
<i>Muhlenbergia frondosa</i>	Common Satin Grass
<i>Muhlenbergia glomerata</i>	Marsh Wild Timothy
<i>Muhlenbergia mexicana</i>	Leafy Satin Grass

Muscari botryoides	Grape Hyacinth
Napaea dioica	Glade Mallow
Nasturtium officinale	Water Cress
Nepeta cataria	Catnip
Oenothera biennis canescens	Common Evening Primrose
Oenothera clelandii (rhombipetala)	Sand Evening Primrose
Onoclea sensibilis	Sensitive Fern
Onosmodium hispidissimum	Marbleseed
Opuntia humifusa (compressa)	Prickly Pear Cactus
Orchis (Galearis) spectabilis	Showy Orchis
Ornithogalum umbellatum	Star of Bethlehem
Osmorhiza claytonii	Hairy Sweet Cicely
Osmorhiza longistylis	Smooth Sweet Cicely
Osmunda claytoniana	Interrupted Fern
Ostrya virginica	Hop Hornbeam
Oxalis europaea (stricta)	Tall Wood Sorrel
Oxalis stricta (dillenii)	Yellow Wood Sorrel
Oxalis violacea	Violet Wood-sorrel
Oxypolis rigidior	Cowbane
Panicum capillare	Old Witch Grass
Panicum depauperatum	Starved Panic Grass
Panicum dichotomiflorum	Knee Grass
Panicum implicatum (languinosa)	Old-field Panic Grass
Panicum latifolium (bosicii)	Broad-leaved Panic Grass
Panicum leibergii	Prairie Panic Grass
Panicum lindheimeri	Smooth Wolly Panic Grass
Panicum oligosanthos scribneria	Scribner's Panic Grass
Panicum perlongum	Long-stalked Panic Grass
Panicum villosissimum	White-Haired Panic Grass
Panicum virgatum	Prairie Switch Grass
Parietaria pennsylvanica	Pellitory
Parnassia glauca	Grass of Parnassus
Paronychia canadensis	Tall Forked Chickweed
Parthenium integrifolium	Wild Quinine (Feverfew)
Parthenocissus quinquefolia	Virginia Creeper (American Ivy)
Paspalum ciliatifolium muhlenbergii	Hairy Lens Grass
Paspalum ciliatifolium stramineum	Downy Lens Grass

<i>Pastinaca sativa</i>	Wild Parsnip
<i>Pedicularis lanceolata</i>	Fen (Swamp) Betony; Lousewort
<i>Penstemon digitalis</i>	Foxglove Beardtongue
<i>Penstemon grandiflorus</i> **	Large-flowered Beard tongue
<i>Penstemon hirsutus</i>	Hairy Beard tongue
<i>Penstemon pallidus</i>	Pale Beard Tongue
<i>Penthorum sedoides</i>	Ditch Stonecrop
<i>Petalostemum (Dalea) candidum</i>	White Prairie Clover
<i>Phalaris arundinacea</i>	Reed Canary Grass
<i>Phleum pratense</i>	Timothy
<i>Phlox divaricata</i>	Woodland Phlox (Blue Phlox)
<i>Phlox maculata</i>	Sweet William Phlox
<i>Phyrma leptostachya</i>	Lopseed
<i>Physalis heterophylla</i>	Clammy Ground cherry
<i>Physalis pubescens</i>	Hairy Ground Cherry
<i>Physalis subglabrata</i>	Tall Ground Cherry
<i>Physalis virginiana (lanceolata)</i>	Lance-leaved Ground Cherry
<i>Physocarpus opulifolius</i>	Ninebark
<i>Physostegia virginiana arenaria</i>	Prairie Obedient Plant
<i>Phytolacca americana</i>	Pokeweed
<i>Pilea fontana</i>	Bog Clearweed
<i>Pilea pumila</i>	Clearweed
<i>Pinus strobus</i>	White Pine
<i>Plantago aristata</i>	Poor Joe; Bracted plantain
<i>Plantago lanceolata</i>	English Plantain
<i>Plantago major</i>	Common Plantain
<i>Plantago patagonica (purshii)</i>	Woolly Plantain
<i>Plantago rugelii</i>	Red-stalked Plantain
<i>Plantago virginica</i>	Dwarf Plantain
<i>Platanus occidentalis</i>	Sycamore
<i>Poa compressa</i>	Canada Blue Grass
<i>Poa palustris</i>	Marsh blue Grass
<i>Poa pratensis</i>	Kentucky Blue Grass
<i>Podophyllum peltatum</i>	May Apple
<i>Polemonium reptans</i>	Jacob's Ladder
<i>Polygala incarnata</i> **	Pink Milkwort
<i>Polygala polygama obtusata</i>	Purple Milkwort

<i>Polygala sanguinea</i>	Field Milkwort
<i>Polygala verticillata isocycla</i>	Short Whorled Milkwort
<i>Polygonatum canaliculatum</i> (commut.)	Smooth Solomon's Seal
<i>Polygonum</i> (Tovara) <i>virginianum</i>	Woodland Knotweed
<i>Polygonum achoreum</i>	Beak-seeded Knotweed
<i>Polygonum arenastrum</i>	Sidewalk Knotweed
<i>Polygonum aviculare</i>	Knotweed
<i>Polygonum buxiforme</i>	Boxwood Knotweed
<i>Polygonum ceptiosum</i>	Long-bristled Smartweed
<i>Polygonum coccineum</i>	Water Heartease
<i>Polygonum convolvulus</i>	Black Bindweed
<i>Polygonum hydropiper</i>	Water Pepper
<i>Polygonum pennsylvanicum laevigatum</i>	Pinkweed
<i>Polygonum persicaria</i>	Lady's Thumb
<i>Polygonum sagittatum</i>	Arrowleaf Tear Thumb
<i>Polygonum scandens</i>	Climbing False Buckwheat
<i>Polygonum tenue</i>	Slender Knotweed
<i>Polypodium virginianum</i> (vulgare)	Polypody
<i>Polytaenia nuttallii</i>	Prairie Parsley
<i>Populus deltoides</i>	Cottonwood
<i>Populus tremuloides</i>	Quaking aspen
<i>Potentilla argentea</i>	Silvery Cinquefoil
<i>Potentilla arguta</i>	Prairie Cinquefoil
<i>Potentilla norvegica</i>	Norway Cinquefoil
<i>Potentilla recta</i>	Rough-fruited Cinquefoil
<i>Potentilla simplex</i> (canadensis)	Common Cinquefoil (incl. Dwarf)
<i>Prenanthes alba</i>	White Lettuce, Lion's Foot
<i>Prenanthes crepidinea</i>	Tall Wh. Lettuce
<i>Prunella vulgaris lanceolata</i> (elongata)	Heal-all; Self-heal
<i>Prunus americana</i>	Wild Plum
<i>Prunus serotina</i>	Wild Black Cherry
<i>Prunus virginiana</i>	Choke Cherry
<i>Ptelea trifoliata</i>	Wafer Ash, Hop Tree
<i>Pteridium aquilinum latiusculum</i>	Bracken Fern
<i>Pycnanthemum tenuifolium</i>	Narrow-leaved Mountain Mint
<i>Pycnanthemum virginianum</i>	Mountain mint (Prairie Hyssop)
<i>Quercus alba</i>	White Oak

<i>Quercus coccinea</i> (ellipsoidalis)	Scarlet Oak
<i>Quercus macrocarpa</i>	Bur Oak
<i>Quercus rubra</i>	Red Oak
<i>Quercus velutina</i>	Black Oak
<i>Ranunculus abortivus</i>	Small-flowered Buttercup
<i>Ranunculus ficularis</i>	Early Buttercup
<i>Ranunculus flabellaris</i>	Yellow Water Crowfoot
<i>Ranunculus recurvatus</i>	Hooked Buttercup
<i>Ranunculus septentrionalis</i>	Swamp Buttercup
<i>Raphanus raphanistrum</i>	Wild Radish
<i>Ratibida pinnata</i>	Yellow Coneflower
<i>Rhamnus cathartica</i>	Common Buckthorn
<i>Rhus</i> (<i>Toxicodendron</i>) <i>radicans</i>	Poison ivy
<i>Rhus glabra</i>	Smooth Sumac
<i>Ribes americanum</i>	Wild Black Currant
<i>Ribes cynosbati</i>	Prickly Wild Gooseberry
<i>Ribes missouriense</i>	Wild Gooseberry
<i>Ricciocarpus natens</i>	----- Liverwort
<i>Robinia pseudoacacia</i>	Black Locust
<i>Rorippa palustris fernaldiana</i> (<i>islandica</i>)	Marsh Cress
<i>Rosa blanda</i>	Early wild Rose
<i>Rosa multiflora</i>	Multiflora Rose
<i>Rubus allegheniensis</i>	Common Blackberry
<i>Rubus enslenii</i>	One-flowered Dewberry
<i>Rubus flagellaris</i>	Dewberry
<i>Rubus idaeus strigosus</i>	Red Raspberry
<i>Rubus occidentalis</i>	Black Raspberry
<i>Rubus pennsylvanicus</i>	Yankee Blackberry
<i>Rudbeckia hirta</i>	Black-eyed Susan
<i>Rudbeckia</i> sp.	
<i>Rudbeckia subtomentosa</i>	Sweet Blackeyed Susan
<i>Rudbeckia triloba</i>	Brown-eyed Susan
<i>Ruellia humilis</i>	Wild Petunia
<i>Rumex acetosella</i>	Field Sorrel (Sheep Sorrel)
<i>Rumex altissimus</i>	Pale Dock
<i>Rumex crispus</i>	Curly Dock
<i>Rumex orbiculatus</i>	Great Water dock

Rumex verticillatus	Swamp Dock
Sagittaria latifolia	Common Arrowhead
Salix discolor	Pussy Willow
Salix eriocephala	Heart-leaved Willow
Salix humilis	Prairie Willow
Salix interior (exigua)	Sandbar Willow
Salix nigra	Black Willow
Salix petiolaris	Petioled Willow
Salix sp.	
Salix X Rubens	Hybrid Crack Willow
Sambucus canadensis	Elderberry
Sanguinaria canadensis	Bloodroot
Sanicula canadensis	Canadian Black Snakeroot
Sanicula gregaria	Clustered Black Snakeroot
Sanicula marilandica	Black Snakeroot
Saponaria officinalis	Bouncing Bet; Soapwort
Saxifraga pennsylvanica	Swamp Saxifrage
Scirpus atrovirens	Dark Green Rush
Scirpus cyperinus	Wool Grass
Scirpus fluviatilis	River Bulrush
Scirpus paludosus (maritimus)	Alkali Bulrush
Scirpus validus creber (tabernaemont)	Great Bulrush
Scrophularia lanceolata	Early figwort
Scrophularia marilandica	Late Figwort
Scutellaria lateriflora	Mad-dog Skullcap
Scutellaria ovata versicolor	Heart-leaved Skullcap
Scutellaria parvula leonardi	Small Skullcap
Selaginella rupestris	Sand Club moss
Senecio pauperculus	Balsam Ragwort
Senecio plattensis	Prairie Ragwort
Setaria faberi	Giant Foxtail
Setaria glauca (lutescens)	Yellow Foxtail
Setaria sp.	
Setaria viridis	Green Foxtail
Setaria viridis major	Giant Green Foxtail
Seymeria (Dasistoma) macrophylla	Mullein foxglove
Sicyos angulatus	Bur Cucumber


<i>Silene antirrhina</i>	Sleepy Catchfly
<i>Silene cucubalus</i>	Bladder campion
<i>Silene stellata</i>	Starry Campion
<i>Silphium integrifolium deamii</i>	Rosinweed
<i>Silphium perfoliatum</i>	Cup-plant
<i>Silphium terebinthaceum</i>	Prairie Dock
<i>Sisymbrium altissimum</i>	Tumble Mustard
<i>Sisymbrium officinale</i>	Hedge Mustard
<i>Sisyrinchium albidum</i>	Common Blue-eyed Grass
<i>Sisyrinchium angustifolium</i>	Narrow-leaved Blue-eyed Grass
<i>Sium suave</i>	Tall Water Parsnip
<i>Smilacina racemosa</i> (Maianthemum)	Solomon's Plume
<i>Smilacina stellata</i> (Maianthemum)	Starry False Solomon's Seal
<i>Smilax ecirrata</i>	Upright Carrion flower
<i>Smilax lasioneura</i>	Common Carrion flower
<i>Smilax rotundifolia</i>	Green Brier; Cat Brier
<i>Smilax tamnoides hispida</i>	Bristly Green Brier
<i>Solanum americanum</i> (ptycanthum)	Black Nightshade
<i>Solanum carolinense</i>	Horse Nettle
<i>Solanum rostratum</i> (cordnutum)	Buffalo bur
<i>Solidago</i> (Euthamia) <i>graminifolia</i>	Viscid Bushy Goldenrod
<i>Solidago</i> (Euthamia) <i>graminifolia nutt.</i>	Grass-leaved Goldenrod
<i>Solidago</i> (Euthamia) <i>gymnospermoides</i>	Viscid Grass-leaved Goldenrod
<i>Solidago altissima</i>	Tall goldenrod
<i>Solidago canadensis</i>	Canada Goldenrod
<i>Solidago gigantea</i>	Late Goldenrod
<i>Solidago juncea</i>	Early Goldenrod
<i>Solidago missouriensis fasciculata</i>	Missouri Goldenrod
<i>Solidago nemoralis</i>	Gray Goldenrod; Oldfield
<i>Solidago ohioensis</i>	Ohio Goldenrod
<i>Solidago patula</i>	Swamp Goldenrod
<i>Solidago riddellii</i>	Riddell's goldenrod
<i>Solidago sp.</i>	
<i>Solidago speciosa</i>	Showy Goldenrod
<i>Solidago uliginosa</i>	Bog Goldenrod
<i>Solidago ulmifolia</i>	Elm-leaved Goldenrod
<i>Sonchus uliginosus</i> (<i>arvensis glabras</i>)	Common Sow Thistle

Sorghastrum nutans	Indian Grass
Spartina pectinata	Prairie Cord Grass
Specularia (Triodanis) perfoliata	Venus' Looking Glass
Sphenopholis intermedia (obtusata m	Slender Wedge Grass
Spiraea alba	Meadowsweet
Spiranthes cernua	Nodding Ladies Tresses
Spiranthes lacera	Slender Ladies Tresses
Sporobolus cryptandrus	Sand Dropseed
Sporobolus heterolepis	Prairie Dropseed
Stachys palustris homotricha	Woundwort
Stachys tenuifolia	Smooth Hedge Nettle
Staphylea trifolia	Bladdernut
Stellaria longifolia	Stichwort
Stellaria media	Chickweed
Stellaria pubera	Great Chickweed
Stipa spartea	Porcupine Grass
Symplocarpus foetidus	Skunk Cabbage
Talinum rugospermum ***	Sand Fameflower
Taraxacum officinale	Common Dandelion
Tephrosia virginiana	Goat's Rue
Teucrium canadense	American Germander (Wood Sage)
Teucrium occidentale	Gray Germander
Thalictrum dasycarpum	Purple Meadow Rue
Thalictrum polygamum	Tall Meadow Rue
Thlaspi arvense	Penny Cress
Tilia americana	American Linden
Tradescantia ohiensis	Ohio Spiderwort
Tragopogon dubius	Sand Goat's Beard
Tragopogon pratensis	Common Goat's Beard
Trifolium hybridum	Alsike
Trifolium pratense	Red Clover
Trifolium repens	White Clover
Trillium recurvatum	Red (Prairie) Trillium
Triosteum perfoliatum	Horse Gentian (Feverwort)(Tinker's Weed)
Triticum aestivum	Wheat
Typha latifolia	Cattail (Broad-leaved)
Ulmus americana	American Elm

Ulmus rubra	Slippery Elm
Urtica dioica	Stinging Nettle
Urtica procera (chamaedryoides)	Tall Nettle
Vaccinium angustifolium laevifolium	Early Low Blueberry
Verbascum blattaria	Moth Mullein
Verbascum thapsus	Mullein
Verbena hastata	Blue Vervain
Verbena sp.	
Verbena stricta	Hoary Vervain
Verbena urticifolia	Hairy White Vervain
Vernonia fasciculata	Common Ironweed
Veronica arvensis	Corn Speedwell
Veronica comosa (catenata)	Water Speedwell
Veronica peregrina	Purslane Speedwell
Veronica serpyllifolia	Thyme-leaved Speedwell
Veronicastrum virginicum	Culver's Root
Viburnum lentago	Nannyberry Viburnum
Viburnum prunifolium	Black Haw
Vicia americana	American or Purple Vetch
Vicia cracca	Cow Vetch
Viola canadensis rugulosa ** (corymb	Canada Violet
Viola cucullata (obliqua)	Hooded Violet
Viola fimbriatula	Sand Violet
Viola lanceolata	Lance-leaved Violet
Viola nephrophylla	Northern bog violet
Viola pedata lineariloba	Birdsfoot Violet
Viola pedatifida	Prairie Violet
Viola pubescens (pennsylvanica)	Smooth Yellow violet
Viola sagittata	Arrow-leaved violet
Viola sororia (pratincola) (papilionace	Common blue Violet
Viola subsinuata (triloba)	Lobed Blue Violet
Vitis riparia	Wild (Riverbank) Grape
Wolffia columbiana	American Water Meal
Woodsia ilvensis **	Rusty Woodsia (Fragrent Woodsia)
Woodsia obtusa	Cliff Fern
Wulfenia bullii *** (Besseyia)	Kittentails
Xanthium strumarium canadensis	Cocklebur

Xanthoxylum americanum
Zizia aptera
Zizia aurea

Prickly Ash
Heart-leaved Meadow Parsnip
Golden Alexanders

February 25, 2015 

Bill Kleiman note to file on prairie planting 2. This is the uplands of the bluestem bottoms unit. The old maps have this as planting 7, a long planting from Lowden Road, just north of the visitor entrance all the way west to just past the power line. Cody made some map changes and re-numbered some of these early folders.

This planting was put back into row crops for seasons of 2013 and 2014. In this folder you will find a veg transect I did on the east most knob. The knob tops were pretty good but most of planting had little native cover.