

Plants of the Turkey Creek Scientific Area
(Paul D. Sorensen)

"Pteridophytes"

Aspidiaceae (Shield Fern Family)

Athyrium filix-femina

Cystopteris bulbifera

Cystopteris fragilis

Dryopteris spinulosa (rare)

✓ *Onoclea sensibilis*

✓ *Woodsia obtusa*

Aspleniaceae (Spleenwort Family)

✓ *Camptosorus rhizophyllus* (rare)

Equisetaceae (Horsetail Family)

✓ *Equisetum arvense*

Ophioglossaceae (Adder's-tongue Family)

Botrychium dissectum (rare)

✓ *Botrychium virginianum*

Osmundaceae (Cinnamon Fern Family)

✓ *Osmunda claytoniana*

Pteridaceae (Bracken Family)

✓ *Adiantum pedatum*

Pteridium aquilinum

Gymnospermae

Cupressaceae

✓ *Juniperus virginiana*

Dicotyledoneae

Acanthaceae

✓ *Ruellia humilis*

Aceraceae (Maple Family)

✓ *Acer negundo*

✓ *Acer saccharinum*

✓ *Acer saccharum* (Incl. *A. nigrum*)

Arizoaceae (Carpet weed Family)

✓ *Mollugo verticillata

Amaranthaceae (Cock's-comb Family)

✓ Amaranthus graecizans

✓ Amaranthus retroflexus

Anacardiaceae (Cashew Family)

✓ Rhus glabra

✓ Rhus toxicodendron

Apiaceae (Umbelliferae) (Parsley Family)

✓ Cicuta maculata

✓ Cryptotaenia canadensis

✓ *Daucus carota

✓ Osmorhiza claytonii

✓ Osmorhiza longistylis

✓ *Pastinaca sativa

✓ Sanicula canadensis

✓ Sanicula gregaria

✓ Taenidia integerrima (rare)

✓ Thaspium barbinode

Apocynaceae (Dogbane Family)

- ? { Apocynum androsaemifolium corolla 6-10 mm, pinkish, spreading or recurved lobes
- ? { Apocynum cannabinum corolla 3-6 mm, white or greenish white, petioles 5-10 mm
- ? { Apocynum sibiricum corolla 3-6 mm, white or greenish white petioles rarely to 3 mm

Araliaceae (Ginseng Family)

✓ Aralia nudicaulis

✓ Aralia racemosa

✓ Panex^a quinquefolius

(This species threatened with extinction by local "seng" hunters who collect it for its presumed powers as a panacea esp. in the orient where material harvested in U.S. is sold).

Aristolochiaceae (Birthwort Family)

Asarum canadense *lvs. entire or oppositely bloodroot*

Asclepiadaceae (Milkweed Family)

- Asclepias exaltata (rare) *large white lvs*
- Asclepias incarnata *narrow lvs.*
- Asclepias purpurascens *purple fls, similar to asperula*
- Asclepias syriaca
- ✓ Asclepias tuberosa *corolla yellow or orange, juice not milky*
- ✓ Asclepias Verticillata *lvs narrowly linear*

Asteraceae (Compositae) (Aster Family)

- ✓ Achillea millefolium
- ✓ Ambrosia artemisiifolia
- ✓ Ambrosia trifida
- ✓ Antennaria neglecta
- Antennaria plantaginifolia
- ✓ Anthemis cotula
- ✓ Arctium minus
- Aster azureus
- Aster ericoides
- Aster sagittifolius
- Aster shortii
- Bidens cernua
- Bidens vulgata
- ✓ Cacalia mühlenbergii (rare)
- ✓ Chrysanthemum leucanthemum
- *Cichorium intybus *blue rays*
- Cirsium discolor *lvs white underneath*
- *Cirsium vulgare
- Conyza canadensis *white, fluffy*
- Coreopsis palmata
- Coreopsis Tripteris
- Eclipta alba
- ✓ Erigeron annuus

✓ *Erigeron strigosus*

Eupatorium maculatum

✓ *Eupatorium perfoliatum*

Eupatorium purpureum

Eupatorium rugosum

Gnaphalium obtusifolium

Helenium autumnale

**Helianthus annuus*

Helianthus grosseserratus

Helianthus strumosus

Heliopsis helianthoides

✓ *Krigia biflora*

Lactuca canadensis

Lactuca floridana

**Lactuca scariola*

**Matricaria matricarioides*

Poenanthes alba

Rudbeckia laciniata

Rudbeckia serotina

Rudbeckia triloba

Silphium integrifolium

✓ *Silphium perfoliatum*

Solidago altissima

Solidago flexicaulis

Solidago gigantea

Solidago ulmifolia

Taraxacum erythrospermum

✓ *Taraxacum officinale*

✓ **Tragopogon dubius*

Vernonia fasciculata

Xanthium strumarium

Balsaminaceae (Touch-me-not Family)

Impatiens biflora

Impatiens pallida

check in key!

Berberidaceae (Barberry Family)

✓ Berberis thumbergii

✓ Caulophyllum thalictroides

✓ Podophyllum peltatum

Betulaceae (Birch Family)

Betula nigra

✓ Carpinus caroliniana

Corylus americana

✓ Ostrya virginiana

Boraginaceae (Borage Family)

✓ Hackelia virginiana

Mertensia virginica

Brassicaceae (Cruciferae) (Mustard Family)

✓ *Barbarea vulgaris

*Brassica nigra

✓ *Capsella bursa-pastoris

Dentaria laciniata

*Erysimum cheiranthoides

*Lepidium campestre

*Lepidium densiflorum

Lepidium virginicum

Rorippa sessiliflora

✓ *Thlaspi arvense

Campanulaceae (Bluebell Family)

✓ Campanula americana

Lobelia inflata

Lobelia siphilitica

Lobelia spicata

✓ Triodanis perfoliata

Capparidaceae (Caper Family)

Polanisia graveolens

Caprifoliaceae (Honeysuckle Family)

Tonicera prolifera

Sambucus canadensis

Triosteum perfoliatum

Viburnum lentago

Viburnum rafinesquianum

Caryophyllaceae (Pink Family)

Arenaria lateriflora

*Dianthus armeria

*Saponaria officinalis

✓*Stellaria media

Celastraceae (Bittersweet Family)

✓ Celastrus scandens

Eounymus atropurpureus

Chenopodiaceae (Goosefoot Family)

✓*Chenopodium album

*Chenopodium ambrosioides

Chenopodium gigantospermum

Convolvulaceae (Morning Glory Family)

✓ Convolvulus sepium

Cornaceae (Dogwood Family)

✓ Cornus alternifolia

Cornus drummondii

Cornus racemosa

Cornus rugosa

Ericaceae (Heath Family)

Monstropa uniflora

Pyrola elliptica (rare)

Euphorbiaceae (Spurge Family)

Acalypha rhomboidea

✓ *Euphorbia corollata*

Euphorbia heterophylla

Euphorbia maculata

Euphorbia supina

Fabaceae (Leguminosae) (Sweet Pea Family)

Amorpha canescens

Amphicarpa bracteata

✓ *Cassia fasciculata*

Desmodium canadense

Desmodium glutinosum

Desmodium nudiflorum

✓ *Gleditsia triacanthos*

Lespedeza capitata

**Lotus corniculata*

✓ **Medicago lupulina*

✓ **Medicago sativa*

✓ **Melilotus alba*

✓ **Melilotus officinalis*

✓ **Robinia pseudo-acacia*

✓ **Trifolium hybridum*

✓ **Trifolium pratense*

✓ **Trifolium repens*

Fagaceae (Beech Family)

✓ *Quercus alba*

✓ *Quercus macrocarpa*

✓ *Quercus rubra*

✓ *Quercus velutina*

Geraniaceae (Geranium Family)

Geranium carolinianum

✓ *Geranium maculatum*

Hydrophyllaceae (Waterlead Family)

Ellisia nyctelea

✓ *Hydrophyllum virginianum*

Hypericaceae (Guttiferae) (St. John's-wort Family)

Hypericum punctatum

Hypericum pyramidatum

Hypericum spaerocarpum

Juglandaceae (Walnut Family)

✓ *Carya cordiformis*

✓ *Carya ovata*

Juglans cinerea

✓ *Juglans nigra*

Lamiaceae (Mint Family)

Agastache nepetoides

Agastache scrophulariaefolia

✓* *Glechoma hederacea*

✓* *Leonurus cardiaca*

Lycopus americanus

Lycopus virginicus

Mentha arvensis

✓ *Monarda fistulosa*

✓* *Nepeta cataria*

Physostegia parviflora

✓ *Prunella vulgaris*

Pycnanthemum pilosum

Pycanthemum virginianum

Scutellaria lateriflora

Scutellaria ovata

✓ *Teucrium canadense*

Lythraceae (Loosestrife Family)

Lythrum alatum

Malvaceae (Hollyhock Family)

✓ *Abutilon theophrasti*

✓ **Malva neglecta*

Menispermaceae (Moonseed Family)

Menispermum canadense

Moraceae (Mulberry Family)

✓ **Cannabis sativa*

**Humulus japonicus*

Humulus lupulus (rare)

✓ **Morus alba*

Nyctaginaceae (Four-o'clock Family)

✓ *Mirabilis nyctaginea*

Oleaceae (Lilac and olive Family)

Fraxinus americana

Fraxinus nigra

Fraxinus pennsylvanica

Onagraceae (Evening-primrose Family)

Circea quadrisulcata

Oenothera biennis

Oenothera rhombipetala

Oxalidaceae (Wood-sorrel Family)

Oxalis europeae

✓ *Oxalis stricta*

Papaveraceae (Poppy Family)

✓ *Dicentra cucullaria*

Sanguinaria canadensis

Penthoraceae (Ditch-stonecrop Family)

Penthorum sedoides

Phrymaceae (Lopseed Family)

Phryma leptostachya

Plantaginaceae (Plantain Family)

Plantago aristata

✓ *Plantago major*

✓ *Plantago rugelii*

Polemoniaceae (Phlox Family)

✓ *Phlox divaricata*

✓ *Polemonium reptans*

Polygalaceae (Milkwort Family)

Polygala senega

Polygonaceae (Buckwheat Family)

* *Polygonum aviculare*

* *Polygonum convolvulus*

Polygonum erectum

Polygonum hydropiper

Polygonum pennsylvanicum

Polygonum sagittatum

Polygonum scandens

Polygonum virginianum

✓ * *Rumex acetosella*

✓ *Rumex altissimus*

✓ * *Rumex crispus*

Rumex verticillatus

Portulacaceae (Purslane Family)

✓ *Claytonia virginica*

**Portulaca oleracea*

Primulaceae (Primrose Family)

✓ *Dodecatheon meadia*

Lysimachia ciliata

**Lysimachia numularia*

Ranunculaceae (Buttercup Family)

✓ *Actea pachypoda*

✓ *Actea rubra*

✓ *Anemone canadensis*

Anemone quinquefolia

Anemone virginiana

✓ *Anemonella thalictroides*

✓ *Aquilegia canadensis*

Clematis pitcheri

✓ *Hepatica acutiloba*

Isopyrum biternatum

✓ *Ranunculus abortivus*

✓ *Ranunculus septentrionalis*

✓ *Thalictrum dasycarpum*

Rhamnaceae (Buckthorn Family)

Ceanothus americanus

Rhamnus lanceolata

Rosaceae (Rose Family)

Agrimonia gryposepala

Agrimonia pubescens

✓ *Amelanchier arborea*

✓ *Crataegus margaretta*

✓ *Fragaria vesca*

Fragaria virginiana

Geum canadense

Physocarpus opulifolius (rare)

Potentilla norvegica

Potentilla recta

✓ *Potentilla simplex*

Prunus americana

✓ *Prunus serotina*

✓ *Pyrus ioensis*

✓ *Rosa carolina*

✓ *Rubus allegheniensis*

✓ *Rubus occidentalis*

Rubiaceae (Madder Family)

Cephalanthus occidentalis

Galium aparine

Galium circaezans

Galium concinnum

Galium triflorum

Rutaceae (Citrus Family)

Xanthoxylum americanum

Salicaceae (Willow Family)

✓ *Populus deltoides*

✓ *Populus grandidentata*

✓ *Populus tremuloides*

Salix fragilis

Salix nigra

Salix rigida

Santalaceae (Sandalwood Family)

Commandra richardsiana

Saxifragaceae (Incl. Hydrangeaceae) (Gooseberry Family)

✓ *Heuchera richardsonii*

Mitella diphylla

✓ *Ribes cynosbati*

✓ *Ribes missouriense*

✓ *Saxifraga pennsylvanica*

Scrophulariaceae (Snapdragon Family)

✓ *Mimulus ringens*

✓ *Scrophularia marilandica*

**Verbascum blattaria*

✓ *Verbascum phlomoides*

✓ *Verbascum thapsus*

Veronica peregrina

Veronicastrum virginicum

Solanaceae (Tomato Family)

**Datura stramonium*

**Lycium halimifolium* (rare)

Physalis heterophylla

Physalis longifolia

✓ *Solanum carolinense*

**Solanum nigrum*

Stephyllaceae (Bladder Nut Family)

Staphylea trifolia

Thymelaeaceae (Oleaster Family)

Dirca palustris (rare)

Tiliaceae (Linden Family)

✓ *Tilia americana*

Ulmaceae (Elm Family)

✓ *Celtis occidentalis*

✓ *Ulmus americana*

✓ *Ulmus rubra*

Urticaceae (Nettle Family)

Laportea canadensis

Parletaria pennsylvanica

✓ Pilea pumila

Urtica dioica

Verbenaceae (Vervain Family)

Lippia lanceolata

✓ Verbena bracteata

Verbena hastata

Verbena stricta

✓ Verbena urticifolia

Violaceae (Violet Family)

Viola missouriensis

Viola pennsylvanica

Viola sororia

Vitaceae (Grape Family)

✓ Parthenocissus quinquefolia

Parthenocissus vitacea

Vitis riparia

Monocotyledoneae

Alismataceae (Water-plantain Family)

Alisma subcordatum

Sagittaria latifolia

Amaryllidaceae (Amaryllis Family)

Allium canadense

Allium tricoccum

Araceae (Arum Family)

Arisaema dracontium

✓ Arisaema triphyllum

Commelinaceae (Spiderwort Family)

✓ Tradescantia ohioensis

Cyperaceae (Sedge Family)

Carex albursina

Carex blanda

Carex grayii

Carex hirtifolia

Carex oligocarpa (rare)

Carex pennsylvanica

Carex rosea

Carex sparganioides

Carex stipata

Carex vulpinoidea

Cyperus stigosus

Scirpus atrovirens

Dioscoreaceae (Yam Family)

Dioscorea villosa

Iridaceae (Iris Family)

✓ *Sisyrinchium angustifolium* (rare)

Juncaceae (Rush Family)

Juncus tenuis

Lemnaceae (Duckweed Family)

Lemna minor

Liliaceae (Lily Family)

✓ *Asparagus officinalis*

✓ *Erythronium albidum*

Polygonatum cannaliculatum

Smilacina racemosa

✓ *Uvularia grandiflora*

Orchidaceae (Orchid Family)

Aplectrum hyemale (rare)

Cypripedium calceolus (rare)

Orchis spectabilis

Poaceae (Gramineae) (Grass Family)

**Agrapyon repens*

✓**Agrostis alba*

Agrostis hyemalis

**Avena sativa*

Brachyeletrum erectum

**Bromus inermis*

Bromus purgans

**Bromus tectorum*

Calamagrostis canadensis

Cinna arundinacea

✓**Dactylis glomerata*

Diarrhena americana (rare)

Digitaria ischaemum

**Echinochloa crusgalli*

Elymus canadensis

Elymus villosus

**Eragrostis cilianensis*

Eragrostis pectinacea

Festuca obtusa

Glyceria striata

Hordeum jubatum

Hystrix patula

**Lolium multiflorum*

Muhlenbergia frondosa

Muhlenbergia schreberi

Oryzopsis racemosa (This species previously unreported in
Johnson County (rare))

Panicum implicatum

Panicum latifolium

Panicum virgatum