

Cave Creek Woods

6/30/2015

Barry

MI

USA

FQA DB Region: Michigan

FQA DB Publication Year: 2014

FQA DB Description: Reznicek, A.A., M.R. Penskar, B.S. Walters, and B.S. Slaughter. 2

Practitioner: Jesse M Lincoln and Josh Cohen

Latitude:

Longitude:

Weather Notes: Rainy

Duration Notes: 2 hrs

Community Type Notes: Mesic Southern Forest

Other Notes:

Private/Public: Private

Conservatism-Based Metrics:

Total Mean C: 4.6

Native Mean C: 4.9

Total FQI: 37.4

Native FQI: 38.9

Adjusted FQI: 47.9

% C value 0: 6.1

% C value 1-3: 13.6

% C value 4-6: 65.2

% C value 7-10: 15.2

Native Tree Mean C: 4.3

Native Shrub Mean C: 5.5

Native Herbaceous Mean C: 5

Species Richness:

Total Species: 66

Native Species: 63 95.50%

Non-native Species: 3 4.50%

Species Wetness:

Mean Wetness: 2.6

Native Mean Wetness: 2.6

Physiognomy Metrics:

Tree: 12 18.20%

Shrub: 4 6.10%

Vine: 4 6.10%

Forb: 34 51.50%

Grass: 3 4.50%

Sedge: 7 10.60%

Rush:	0	0%
Fern:	2	3%
Bryophyte:	0	0%

Duration Metrics:

Annual:	2	3%
Perennial:	62	93.90%
Biennial:	2	3%
Native Annual:	2	3%
Native Perennial:	60	90.90%
Native Biennial:	1	1.50%

Species:

Scientific Name	Family	Acronym	Native?	C	W
Acer nigrum; a. saccharum	Sapindaceae	ACENIG	native	4	3
Acer rubrum	Sapindaceae	ACERUB	native	1	0
Acer saccharum	Sapindaceae	ACESAU	native	5	3
Actaea pachypoda	Ranunculaceae	ACTPAC	native	7	5
Alliaria petiolata	Brassicaceae	ALLPET	non-native	0	3
Allium burdickii; a. tricoccum	Alliaceae	ALLBUR	native	7	3
Allium tricoccum	Alliaceae	ALLTRI	native	5	3
Amphicarpaea bracteata	Fabaceae	AMPBRA	native	5	0
Arisaema triphyllum	Araceae	ARITRI	native	5	0
Asclepias exaltata	Apocynaceae	ASCEXA	native	6	5
Athyrium filix-femina	Athyriaceae	ATHFIL	native	4	0
Brachyelytrum erectum	Poaceae	BRAERE	native	7	5
Carex albursina	Cyperaceae	CXALBU	native	5	5
Carex gracilescens	Cyperaceae	CXGRAS	native	5	3
Carex hirtifolia	Cyperaceae	CXHIRI	native	5	3
Carex laxiflora	Cyperaceae	CXLAXF	native	8	0
Carex pedunculata	Cyperaceae	CXPEDU	native	5	3
Carex plantaginea	Cyperaceae	CXPLAN	native	8	5
Carex rosea; c. convoluta	Cyperaceae	CXROSE	native	2	5
Carpinus caroliniana	Betulaceae	CARCAO	native	6	0
Carya cordiformis	Juglandaceae	CARCOR	native	5	0
Carya glabra	Juglandaceae	CARGLA	native	5	3
Carya ovata	Juglandaceae	CAROVA	native	5	3
Caulophyllum thalictroides	Berberidaceae	CAUTHA	native	5	5
Circaea canadensis; c. lutetiana	Onagraceae	CIRCAN	native	2	3
Conopholis americana	Orobanchaceae	CONAME	native	10	5
Elaeagnus umbellata	Elaeagnaceae	ELAUMB	non-native	0	3
Elymus hystrix; hystrix patula	Poaceae	ELYHYS	native	5	3
Eurybia macrophylla; aster m.	Asteraceae	EURMAC	native	4	5
Fraxinus americana	Oleaceae	FRAAME	native	5	3
Galium aparine	Rubiaceae	GALAPA	native	0	3
Galium lanceolatum	Rubiaceae	GALLAN	native	4	5
Geum canadense	Rosaceae	GEUCAN	native	1	0
Hepatica americana	Ranunculaceae	HEPAME	native	6	5
Hydrophyllum appendiculatum	Boraginaceae	HYDAPP	native	7	3
Laportea canadensis	Urticaceae	LAPCAN	native	4	-3

Lindera benzoin	Lauraceae	LINBEN	native	7	-3
Maianthemum racemosum; smil.	Convallariaceae	MAIRAC	native	5	3
Ostrya virginiana	Betulaceae	OSTVIR	native	5	3
Parthenocissus quinquefolia	Vitaceae	PARQUI	native	5	3
Persicaria virginiana; polygonum	Polygonaceae	PERVIR	native	4	0
Phlox divaricata	Polemoniaceae	PHLDIV	native	5	3
Phryma leptostachya	Phrymaceae	PHRLEP	native	4	3
Phytolacca americana	Phytolaccaceae	PHYAME	native	2	3
Poa sylvestris	Poaceae	POASYL	native	8	0
Podophyllum peltatum	Berberidaceae	PODPEL	native	3	3
Polygonatum pubescens	Convallariaceae	POLPUB	native	5	5
Polystichum acrostichoides	Dryopteridaceae	POLACR	native	6	3
Prenanthes altissima	Asteraceae	PREALT	native	5	3
Quercus rubra	Fagaceae	QUERUB	native	5	3
Ribes cynosbati	Grossulariaceae	RIBCYN	native	4	3
Rosa multiflora	Rosaceae	ROSMUL	non-native	0	3
Sanguinaria canadensis	Papaveraceae	SANCAA	native	5	3
Sanicula marilandica	Apiaceae	SANMAR	native	4	3
Smilax hispida; s. tamnoides	Smilacaceae	SMIHIS	native	5	0
Solidago caesia	Asteraceae	SOLCAE	native	6	3
Solidago ulmifolia	Asteraceae	SOLULM	native	5	5
Stylophorum diphyllum	Papaveraceae	STYDIP	native	10	5
Thalictrum dioicum	Ranunculaceae	THADIO	native	6	3
Tilia americana	Malvaceae	TILAME	native	5	3
Toxicodendron radicans	Anacardiaceae	TOXRAD	native	2	0
Trillium grandiflorum	Trilliaceae	TRIGRA	native	5	3
Ulmus americana	Ulmaceae	ULMAME	native	1	-3
Uvularia grandiflora	Convallariaceae	UVUGRA	native	5	5
Viola canadensis	Violaceae	VIOCAN	native	5	3
Viola sororia	Violaceae	VIOSOR	native	1	0

Wilke, P. Micklin, B. Csia, Dr.

Woody Plants

Scientific Name	Common Name
Cephalanthus occidentalis	Buttonbush
Cercis canadensis	Eastern Red Bud**
Fagus grandifolia	American Beech
Ilex verticillata	Michigan Holly
Juglans nigra	Black Walnut
Juniperus virginiana	Eastern Redceder
Liriodendron tulipifera	Tuliptree
Pinus sylvestris	Scotch Pine
Populus grandidentata	Bigtooth Aspen
Prunus serotina	Black Cherry
Quercus alba	White Oak
Rubus spp.	Raspberry
Sassafras albidum	Sassafras
Smilax rotundifolia	Common Greenbrier
Viburnum acerifolium	Maple-leaved Viburnum

Vitis spp.

Wilde Grapevine spp.

Non-Woody Plants

Scientific Name

Actaea spp.
Adiantum pedatum
Agrimonia striata
Anemone virginiana
Asplenium platyneuron
Aster sagittifolius
Carex pensylvanica
Claytonia virginica
Clintonia borealis??
Cypripedium reginae
Dicentra canadensis
Dicentra cucullaria
Dryopteris carthusiana
Epipactis helleborine
Erigeron sp.
Erythronium americanum
Hepatica acutiloba
Hydrolea spp.
Monotropa uniflora
Onoclea sensibilis
Osmunda cinnamomea
Osmunda regalis
Polypodium vulgare
Senecio aureus
Smilacina racemosa
Symplocarpus foetidus

Common Name

Baneberry spp.
Maidenhair Fern
Woodland Agrimony
Thimbleweed
Ebony Spleenwort
Arrow-leaved Aster
Pennsylvania Sedge
Spring Beauty
Blue-bead Lily? (found only leaves)
Showy Lady's Slipper
Squirrel Corn
Dutchman's breeches
Spinulose Woodfern
Helleborine (orchid)
Daisy Fleabane
Trout Lily
Sharp-lobed Hepatica
Waterleaf
Indian Pipe
Sensitive Fern
Cinnamon Fern
Royal Fern
Common Polypody Fern
Golden Ragwort
False Solomon's Seal
Eastern skunk cabbage

Physiogn	Duration	Common Name
tree	perennial	black maple
tree	perennial	red maple
tree	perennial	sugar maple
forb	perennial	dolls-eyes
forb	biennial	garlic mustard
forb	perennial	wild leek
forb	perennial	wild leek
vine	annual	hog-peanut
forb	perennial	jack-in-the-pulpit
forb	perennial	poke milkweed
fern	perennial	lady fern
grass	perennial	long-awned wood grass
sedge	perennial	sedge
sedge	perennial	sedge
sedge	perennial	sedge
sedge	perennial	sedge
sedge	perennial	sedge
sedge	perennial	sedge
sedge	perennial	curly-styled wood sedge
tree	perennial	blue-beech
tree	perennial	bitternut hickory
tree	perennial	pignut hickory
tree	perennial	shagbark hickory
forb	perennial	blue cohosh
forb	perennial	enchanters-nightshade
forb	perennial	squaw-root
shrub	perennial	autumn-olive
grass	perennial	bottlebrush grass
forb	perennial	big-leaved aster
tree	perennial	white ash
forb	annual	annual bedstraw
forb	perennial	yellow wild licorice
forb	perennial	white avens
forb	perennial	round-lobed hepatica
forb	biennial	great waterleaf
forb	perennial	wood nettle

shrub	perennial	spicebush
forb	perennial	false spikenard
tree	perennial	ironwood; hop-hornbeam
vine	perennial	virginia creeper
forb	perennial	jumpseed
forb	perennial	wild blue phlox
forb	perennial	lopseed
forb	perennial	pokeweed
grass	perennial	woodland bluegrass
forb	perennial	may-apple
forb	perennial	downy solomon seal
fern	perennial	christmas fern
forb	perennial	tall white lettuce
tree	perennial	red oak
shrub	perennial	prickly or wild gooseberry
shrub	perennial	multiflora rose
forb	perennial	bloodroot
forb	perennial	black snakeroot
vine	perennial	bristly greenbrier
forb	perennial	bluestem goldenrod
forb	perennial	elm-leaved goldenrod
forb	perennial	wood poppy
forb	perennial	early meadow-rue
tree	perennial	basswood
vine	perennial	poison-ivy
forb	perennial	common trillium
tree	perennial	american elm
forb	perennial	bellwort
forb	perennial	canada violet
forb	perennial	common blue violet