

Spring 2016 Survey Species List

	PROJECT: Quarry Gardens	Date:			4/11/2016	Observers Initials: DSF, RTB, DMC	
	Life Form Key	Dicots, Monocots, Gymnosperms	DMG				
		Pteridophytes	Pt				
		Fauna	Fa				
		Fungi	Fi				
		Lycophytes, Bryophytes	LB				
New	latin	common	Zone	Blooming	NNative	Life Form	Notes
	<i>Acris crepitans</i>	eastern cricket frog	Z10, Z13			Fa	
✓	<i>Adiantum pedatum</i>	maidenhair fern	Z10			Pt	
	<i>Agapostemon spp</i>	metallic green sweatbee	Z4			Fa	
✓	<i>Anomondon rostratus</i>	yellow yarn moss	Z-13			LB	on rocks, sampled, keyed
	<i>Antennaria plantaginifolia</i>	plantain leaved pussytoes	Z12	✓		DMG	
✓	<i>Anthocharis midea</i>	falcate orange-tip butterfly	Z2, Z3, Z4, Z12			Fa	
✓	<i>Anthoxanthum odoratum</i> L. ssp. <i>odoratum</i>	sweet vernal grass	Z13	✓	✓	DMG	
	<i>Asimina triloba</i>	pawpaw	Z13	✓		DMG	
	<i>Asplenium platyneuron</i>	ebony spleenwort	Z13			Pt	
	<i>Atrichium spp.</i>	moss unidentified	Z-13			LB	sampled, keyed
✓	<i>Barbarea vulgaris</i>	yellow rocket	Z2	✓	✓	DMG	
	<i>Betula nigra</i>	river birch	Zu			DMG	
	<i>Bombus sp.</i>	bumblebee	Z14			Fa	on autumn-olive
	<i>Botrypus virginianus</i>	rattlesnake fern	Z10,Z13,Z7			Pt	
	<i>Bryoandersonia illecebra</i>	worm moss	Zu			LB	
✓	<i>Callophrys augustinus</i>	brown elfin	Z4			Fa	nectaring on the planted golden ragwort
✓	<i>Callophrys gryneus</i>	juniper hairstreak	Zu			Fa	throughout
✓	<i>Callophrys niphon</i>	eastern pine elfin	Z4			Fa	nectaring on the planted golden ragwort
✓	<i>Carex albicans</i>	white-tinged sedge	Z10	✓		DMG	staminate spikes 1cm long, with white translucent/hyaline margins, purplish-brown stripes inside of those, and a green midvein.
✓	<i>Carex blanda</i>	eastern woodland sedge	Z13			DMG	
✓	<i>Carex communis</i>	fibrous root sedge	Zu			DMG	observed throughout
✓	<i>Carex nigromarginata</i>	black-edged sedge	Z10, Z13	✓		DMG	
	<i>Carex spp. 1</i>	Sedge, unidentified #1	Z13	✓		DMG	possible <i>Carex umbellata</i> group of sedges (tonsa, rugosperma, etc.)
	<i>Carex spp. 2</i>	Sedge, unidentified #2	Z13	✓		DMG	
	<i>Carex spp. 3</i>	Sedge, unidentified #3	Z13	✓		DMG	
✓	<i>Carex striatula</i>	lined sedge	Z12	✓		DMG	sample collected, keyed. upright flora, extending above leaves. Leaf sheaths have no tinting. smooth margins. all parts strongly "lined". Lowest spike on an erect ascending peduncle.
✓	<i>Cicindela sexguttata</i>	six-spotted tiger beetle	Z10			Fa	

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✓	<i>Cicuta maculata</i>	water-hemlock	Z10			DMG	in muck of creek edge
	<i>Clematis ochroleuca</i>	curlyheads	Z12,Z14			DMG	
✓	<i>Colaptes auratus</i>	northern flicker	Z12			Fa	kill site, feathers only
✓	<i>Cornus amomum</i>	silky dogwood	Z10			DMG	north quarry, water's edge
	<i>Cornus florida</i>	flowering dogwood	Z13			DMG	
	<i>Corydalis flavula</i>	yellow fumewort	Z13	✓		DMG	
✓	<i>Cyloopsis gemma</i>	gemmed satyr	C-03			Fa	
✓	<i>Cystopteris protrusa</i>	lowland brittle fern	Z11			Pt	on mossy ledge to r. of road
	<i>Diadophis punctatus</i>	ring-necked snake	Z5			Fa	
✓	<i>Didymops transversa</i>	stream cruiser	??			Fa	dragonfly
	<i>Draba verna</i>	whitlow-grass	Zu			DMG	
✓	<i>Dryopteris marginalis</i>	marginal wood fern	Z10			Pt	
	<i>Epargyreus clarus</i>	silver-spotted skipper	Z10			Fa	
✓	<i>Epitheca cynosura</i>	common baskettail	??			Fa	dragonfly
✓	<i>Equistum arvense</i>	field horsetail	Z10			LB	
	<i>Erynnis juvenalis</i>	Juvenal's duskywing	Zu			Fa	throughout
	<i>Eupatorium album</i>	white thoroughwort	Z13			DMG	
	<i>Eurybia divaricata</i>	white wood aster	Z13			DMG	
	<i>Eurytides marcellus</i>	zebra swallowtail	Z12			Fa	
	<i>Fragaria virginiana</i>	wild strawberry	Z10	✓		DMG	
✓	<i>Galearis spectabilis</i>	showy orchis	Z10			DMG	
	<i>Galium aparine</i>	cleavers	Z13			DMG	
	<i>Goodyera pubescens</i>	downy rattlesnake-plantain	Z13			DMG	
✓	<i>Haploa lecontei</i>	Leconte's haploa	C-05			Fa	caterpillar of a moth, on dogwood under tuliptree
	<i>Hedera helix</i>	English ivy	Z10			DMG	off w. side of trail just n. of wetland between quarries
	<i>Hepatica americana</i>	round-lobed hepatica	Z13			DMG	
	<i>Heuchera spp.</i>	unidentified alumroot	Z10			DMG	
	<i>Hexastylis spp.</i>	ginger unidentified	Z12			DMG	while presumed H. virginica, it could be one of three other species.
	<i>Houstonia caerulea</i>	common bluets	Z13	✓		DMG	
✓	<i>Huperzia lucidula</i>	shining clubmoss	Z11			LB	

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	<i>Hydrangea arborescens</i>	wild hydrangea	Z10, C-05			DMG	seedhead photograph
	<i>Hypoxis hirsuta</i>	yellow eyed grass	Z12			DMG	
✓	<i>Iris spp.</i>	wild iris unidentified	Z7			DMG	either verna or cristada
	<i>Lechea pulchella</i>	Leggett's pinweed	Z12			DMG	collected, ****County First
✓	<i>Ledona deplanata</i>	blue corporal	Z13			Fa	dragonfly
	<i>Luzula multiflora</i>	common woodrush	Z12	✓		DMG	
	<i>Luzula multiflora</i>	Common Woodrush	Z8, Z10, Z11, Z12, Z13			DMG	
✓	<i>Lytta aenea</i>	blister beetle	Z10			Fa	
	<i>Maianthemum racemosum</i>	false solomon's-seal	Z13			DMG	
	<i>Mnium sp.</i>		Zu			LB	
	<i>Morchella cryptica</i>	morel mushroom	Z10			Fi	
✓	<i>Myotis lucifugus</i>	little brown bat	Z9			Fa	
	<i>Obolaria virginica</i>	pennywort	Z13	✓		DMG	
✓	<i>Ophioglossum pycnostichum</i>	southern adders-tongue	Z10	✓		Pt	floodplain
	<i>Papilio glaucus</i>	eastern tiger swallowtail	Zu, Z13			Fa	throughout entire survey area
	<i>Papilio troilus</i>	spicebush swallowtail	Z10			Fa	
✓	<i>Peziza badiocnufa</i>	brown cup fungi	Zu			Fi	
	<i>Phellinus robiniae</i>	locust polypore	C-05			Fi	
	<i>Phyciodes tharos</i>	pearl crescent	Z10, Z7			Fa	
✓	<i>Plagiothecium cavifolium</i>	round silk moss	Z-13			LB	sampled, keyed
	<i>Platanthera sp.</i>	orchid	Z10			DMG	in floodplain
✓	<i>Poa cuspidata</i>	early bluegrass	C-05	✓		DMG	specimen collected, keyed
✓	<i>Podophyllum peltatum</i>	mayapple	Z13			DMG	
✓	<i>Polypodium appalachianum</i>	Appalachian polypody	Z13			Pt	on one soapstone boulder
	<i>Potentilla canadensis</i>	dwarf Canada cinquefoil	Z5	✓		DMG	
✓	<i>Prenanthes serpentina</i>	lion's foot	Z13			DMG	not blooming, but widespread in north side of Z13
	<i>Pseudacris crucifer</i>	spring peeper	Zu			Fa	
✓	<i>Ranunculus abortivus</i>	small-flowered crowfoot	Z10	✓		DMG	
	<i>Ranunculus spp.</i>	buttercup unidentified	Z13	✓		DMG	

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	<i>Rosa carolina</i>	Carolina rose	Z13			DMG	
	<i>Salvia lyrata</i>	lyreleaf sage	Z13			DMG	
	<i>Sanicula canadensis</i>	black snakeroot	Z10			DMG	
✓	<i>Schizophyllum commune</i>	split gill fungus	Z12			Fi	tiny, gilled shelf fungi, fuzzy, white, on hickory. collected, keyed.
	<i>Sisyrinchium angustifolium</i>	blue-eyed grass	Z2	✓		DMG	
	<i>Sphagnum spp.</i>	sphagnum moss	Z12			LB	sampled
	<i>Spizella passerina</i>	chipping sparrow	Z10			Fa	
	<i>Stellaria pubera</i>	star chickweed	Z10, C-04	✓		DMG	
✓	<i>Thalictrum pubescens</i>	tall meadow rue	Z11			DMG	
	<i>Thalictrum thalictroides</i>	rue anemone	Z10,Z13, C-05	✓		DMG	enormous colony on a rock shelf at west margin of C-05
	<i>Thryothorus ludovicianus</i>	Carolina wren	C-03			Fa	
	<i>Thuidium delicatulum</i>	fern moss	Z-13			LB	sampled, keyed
✓	<i>Tiarella cordifolia</i>	foamflower	Z7	✓		DMG	in bud and in bloom
	<i>Tipularia discolor</i>	crane-fly orchid	Z13,Z14			DMG	
✓	<i>Trombidium spp.</i>	red velvet mite	Z13			Fa	
	<i>Tsuga canadensis</i>	eastern hemlock	Z10			DMG	
	<i>Ursus americanus</i>	black bear	C-04			Fa	
	<i>Uvularia perfoliata</i>	perfoliate bellwort	Z13	✓		DMG	
	<i>Uvularia sessilifolia</i>	sessile bellwort	Z11,Z13			DMG	
	<i>Viburnum prunifolium</i>	blackhaw	Z13	✓		DMG	
✓	<i>Vicia caroliniana</i>	wood vetch	Z13, C-01	✓		DMG	keyed
✓	<i>Vicia sativa</i>	common vetch	Z2	✓	✓	DMG	pink pea-type flower, keyed
✓	<i>Viola bicolor</i>	wild pansy	C-02	✓		DMG	
✓	<i>Viola fimbriatula</i>	northern downy violet	C-03	✓		DMG	fuzzy green leaves, keyed
✓	<i>Viola hirsutula</i>	southern wood violet	Zu	✓		DMG	throughout, with hairs only visible with high magnification, semi-clavate hairs on flower
✓	<i>Viola sagittata</i>	arrow-leaved violet	C-03	✓		DMG	blue/white striped flowers, keyed
	<i>Viola sororia</i>	common blue violet	Z13	✓		DMG	cordate, glabrous, keyed in the field