

region

There are 7 survey sites in the area you requested.

1 Service Creek

Survey date: 2013-04-10 12:00:00 - NaT

Surveyors: Pete Woods

Site Description:

This survey was a search for *Trillium nivale*, and to assess the site for later surveys. It was too early in the season for a good list of plants, but a partial list was made. The forested slopes are mostly in good condition, although parts of the forested lower slopes and valley floor are more disturbed. The influence of the Ames limestone is visible in the flora. A few springs are present along the east facing-slope, emerging from jumbles of small boulders just above the floodplain. These springs support *Cambarus monongalensis*. The floodplain meadows are dominated by *Phalaris*, with limited botanical diversity. *Verbesina alternifolia* is abundant, so there is good potential for *Chlosyne nycteis* later in the year. *Erythronium* (leaves now visible) is abundant in places on the lower slopes, so a search for *E. albidum* should be made later in the year.

Driving direction:

None

Findings:

This is a qualitative survey.

Table of found elements in the area you requested:

Common name	Latin name	Population rank *	State status	Where found
Blue Crayfish	<i>Cambarus monongalensis</i>	E	None	None

Threats and management recommendations:

None

Species list:

Northern Red Oak(*Quercus rubra*), *Rosa multiflora*, *Polemonium reptans*, *Claytonia virginica*, *Alliaria petiolata*, *Galium aparine*, *Polystichum acrostichoides*, *Sedum ternatum*, *Symplocarpus foetidus*, *Verbesina alternifolia*, *Hydrophyllum virginianum*, *Glechoma hederacea*, Northern Maidenhair-fern(*Adiantum pedatum*), *Juncus effusus*, Golden Groundsel(*Packera aurea*), *Equisetum hyemale*, *Phlox divaricata*, *Phalaris arundinacea*, Black Cherry(*Prunus serotina*), Red Maple(*Acer rubrum*), Blue Crayfish(*Cambarus monongalensis*), *Hepatica americana*, Roundleaf Groundsel(*Packera obovata*)

2 RCSP upper reservoir

Survey date: 2013-07-26 12:00:00 - NaT

Surveyors: Pete Woods

Site Description:

I was searching for a vegetative *Stenanthium* population reported by Shane Miller, and also looking at odonates on the reservoir. Above the reservoir, along the southernmost tributary, was a high quality rich forest on steep north-facing slopes, which could use a botanical survey in the spring. *Cambarus monongalensis* was collected from a dense colony of burrows in a seep.

Driving direction:

None

Findings:

Table of found elements in the area you requested:

Common name	Latin name	Population rank *	State status	Where found
Blue Crayfish	Cambarus monongalensis	E	None	None

Threats and management recommendations:

protect watershed and groundwater recharge areas.

Species list:

Blue Crayfish(Cambarus monongalensis), Eastern Amberwing(Perithemis tenera), Variable Dancer(Argia fumipennis), Blue Dasher(Pachydiplax longipennis), Widow Skimmer(Libellula luctuosa), Common Whitetail(Plathemis lydia), Eastern Pondhawk(Erythemis simplicicollis), Stream Bluet(Enallagma exulans), Eastern Comma(Polygonia comma), Ebony Jewelwing(Calopteryx maculata), Pearl Crescent(Phyciodes tharos), Microstegium vimineum, Evernia mesomorpha

3 RCSP upper reservoir

Survey date: 2013-07-30 12:00:00 - NaT

Surveyors: Pete Woods

Site Description:

None

Driving direction:

None

Findings:

Table of found elements in the area you requested:

Common name	Latin name	Population rank *	State status	Where found
Featherbells	Stenanthium gramineum	BC	N	None

Threats and management recommendations:

None

Species list:

Featherbells(Stenanthium gramineum)

4 Raccoon Creek State Park - Wetlands Trail

Survey date: NaT - NaT

Surveyors: Chuck Tague

Site Description:

None

Driving direction:

None

Findings:

Table of found elements in the area you requested:

Common name	Latin name	Population rank *	State status	Where found
Smooth Greensnake	Opheodrys vernalis	E	None	None

Threats and management recommendations:

None

Species list:

Smooth Greensnake(*Opheodrys vernalis*)

5 Traverse Creek

Survey date: 2013-06-26 12:00:00 - 2013-06-26 12:00:00

Surveyors: R.E.Miller

Site Description:

Traverse creek is a small meandering stream that winds through a shrubby forested bottom. Riparian zone is thick with willow and other riparian vegetation.

Driving direction:

From the town of Florence. Drive north on PA 18 to Raccoon Creek State Park. Make a left onto Raccoon Park Road and Park at second bridge over Traverse Creek.

Findings:

Survey type comments:

Table of found elements in the area you requested:

Common name	Latin name	Population rank *	State status	Where found
Queensnake	<i>Regina septemvittata</i>	BC	None	From the town of Frankfort Springs, head north on SR 18. Make a left onto Raccoon Park Road toward the Park office. Park in Park office parking lot and walk NW on Park Road to Bridge over Traverse Creek. EO was found along bank within 50 feet upstream of bridge.
Blue Crayfish	<i>Cambarus monongalensis</i>	E	None	None

Threats and management recommendations:

Site is fairly protected because its in a State Park. Encroachment and riparian disturbance from the park road could be an issue.

Species list:

Queensnake(*Regina septemvittata*)

6 Little Service Run

Survey date: 2014-04-28 12:00:00 - NaT

Surveyors: Pete Woods, Scott Schuette

Site Description:

This forested valley is influenced by limestone, and although the lower reaches are disturbed and invaded the upper reaches are in better condition. *Prenanthes crepidinea* was observed on the floodplain. Numerous seeps along the valley contain crayfish burrows, which are probably *Cambarus monongalensis*. One large patch of *Stenanthium gramineum* was found; as there were no flowers at this time of year, it was not clear whether it was *Stenanthium* or *Melanthium virginicum*, so two live plants were collected and raised in gardens. The plant in Pete Woods' garden bloomed in 2016, demonstrating that the plant was *Stenanthium*.

Driving direction:

None

Findings:

Table of found elements in the area you requested:

Common name	Latin name	Population rank *	State status	Where found
Crepis Rattlesnake-root	Prenanthes crepidinea	E	N	None
Featherbells	Stenanthium gramineum	E	N	None

Table of unfounded elements in the area you requested:

Common name	Latin name	Population rank *	State status	Where found
White Trout-lily	Erythronium albidum	None	N	None
Snow Trillium	Trillium nivale	None	Rare	None

Threats and management recommendations:

None

Species list:

Northern Red Oak(*Quercus rubra*), *Rosa multiflora*, *Polemonium reptans*, *Claytonia virginica*, *Alliaria petiolata*, *Galium aparine*, *Polystichum acrostichoides*, *Sedum ternatum*, *Symplocarpus foetidus*, *Verbesina alternifolia*, *Hydrophyllum virginianum*, *Glechoma hederacea*, Northern Maidenhair-fern(*Adiantum pedatum*), *Juncus effusus*, Golden Groundsel(*Packera aurea*), *Equisetum hyemale*, *Phlox divaricata*, *Phalaris arundinacea*, Black Cherry(*Prunus serotina*), Red Maple(*Acer rubrum*), Featherbells(*Stenanthium gramineum*), *Hepatica americana*, *Rumex crispus*, White Oak(*Quercus alba*), *Goodyera pubescens*, *Eurybia divaricata*, *Gaultheria procumbens*, *Potentilla canadensis*, Witch-hazel(*Hamamelis virginiana*), *Cardamine hirsuta*, *Lamium purpureum*, *Urtica dioica*, *Rudbeckia laciniata*, *Onoclea sensibilis*, *Stellaria media*, Hornbeam(*Carpinus caroliniana*), *Cardamine bulbosa*, *Tussilago farfara*, *Rubus allegheniensis*, *Podophyllum peltatum*, *Cardamine concatenata*, *Floerkea proserpinacoides*, *Berberis thunbergii*, Bluets(*Houstonia caerulea*), *Epigaea repens*, *Viburnum acerifolium*, *Trillium grandiflorum*, *Hydrangea arborescens*, Early Saxifrage(*Micranthes virginensis*), Yellow Trout-lily(*Erythronium americanum*), *Crepis Rattlesnake-root*(*Prenanthes crepidinea*), *Maianthemum canadense*, *Geranium maculatum*, Sugar Maple(*Acer saccharum*), *Viola sororia*, Shagbark Hickory(*Carya ovata*), *Caltha palustris*, *Anemone quinquefolia*, *Thalictrum thalictroides*, *Asarum canadense*, *Euonymus alatus*, *Sanguinaria canadensis*, *Mitella diphylla*, *Caulophyllum thalictroides*, *Polygonatum pubescens*, *Ranunculus abortivus*, *Barbarea vulgaris*, *Thalictrum dioicum*, *Lysimachia nummularia*

7 Raccoon Creek State Park above upper reservoir

Survey date: 2014-05-06 12:00:00 - NaT

Surveyors: Pete Woods

Site Description:

I searched unsuccessfully for a vegetative *Stenanthium* population reported by Shane Miller, and also surveyed odonates on the upper reservoir. Above the reservoir, along the southernmost tributary, was a high quality rich forest on steep north-facing slopes, which could use a botanical survey in the spring. *Cambarus monongalensis* was collected from a dense colony of burrows in a seep.

Driving direction:

None

Findings:

Our record shows that there are no elements in the area you requested.

Threats and management recommendations:

Microstegium vimineum infestation

Species list:

Northern Red Oak(*Quercus rubra*), *Rosa multiflora*, *Claytonia virginica*, *Alliaria petiolata*, *Polystichum acrostichoides*, *Sedum ternatum*, *Symplocarpus foetidus*, *Hydrophyllum virginianum*, Northern Maidenhair-fern(*Adiantum pedatum*), Blue Crayfish(*Cambarus monongalensis*), *Eurybia divaricata*, *Lamium purpureum*, *Onoclea sensibilis*, *Stellaria media*, *Podophyllum peltatum*, *Cardamine concatenata*, *Floerkea proserpinacoides*, *Trillium grandiflorum*, *Hydrangea arborescens*, Yellow Trout-lily(*Erythronium americanum*), *Maianthemum canadense*, *Geranium maculatum*, Sugar Maple(*Acer saccharum*), *Viola sororia*, *Thalictrum thalictroides*, *Mitella diphylla*, *Polygonatum pubescens*, *Thalictrum dioicum*, *Trillium erectum*, *Lonicera morrowii*, American Beech(*Fagus grandifolia*), *Maianthemum racemosum*, *Dryopteris carthusiana*, *Dryopteris marginalis*,

Caulophyllum giganteum, Osmorhiza longistylis, Dicentra cucullaria, Cardamine diphylla, Viola pubescens, Ludwigia palustris, Small-spike False Nettle(Boehmeria cylindrica), Carex stricta