

Beaudoin Conservation Area
Coventry Land Trust
AP 317 Lots 71 and 84; Ledge Road

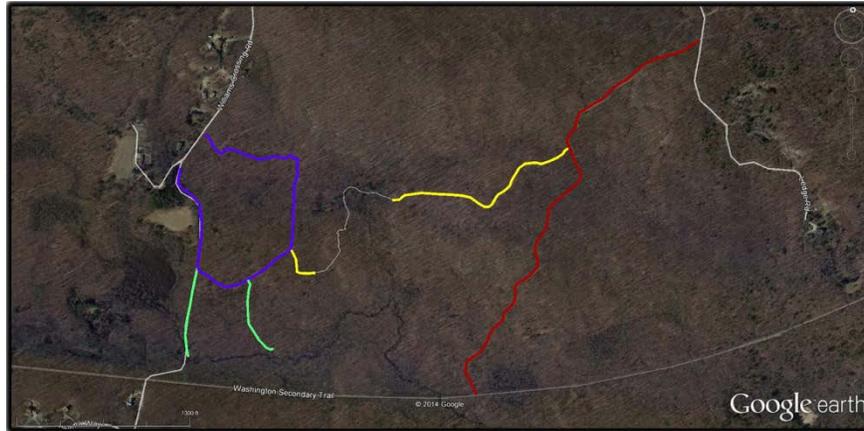


Figure 1. Satellite imagery indicating the trails crossing the Beaudoin Conservation Area. Image shows the area during the winter, and indicates the roadways and rail-trail that provide boundaries.

Brief Report on Expected Wildlife Species

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The Beaudoin Conservation Area is characterized by its dynamic topography, extensive rocks and boulders, and a red oak forest matrix of mostly sapling through poletimber trees (site visit 1/13/2022, 11:41 AM to 1:51 PM, approx. 53°F). The understory is composed mostly of pitch pine saplings, with the lower understory (under 4 feet tall) is often dominated by sweet-fern, especially in the eastern portion of the area. In the western, more rocky area, the understory is limited to pitch pine and American beech saplings, and small herbaceous plants. West of the Quidneck Brook drainage area (U.S. Geological Survey, Site 01115920; 2021)¹ the forest appears to be a moister forest than that east of the brook, as evidenced by lichen-covered trees and moss-covered rocks.

The **trees** observed include:

Pitch pine (*Pinus rigida*), black birch (*Betula lenta*), red oak (*Quercus rubra*), white oak (*Quercus alba*), American beech (*Fagus grandifolia*), American basswood (*Tilia americana*), ironwood (*Ostrya virginiana*), paper birch (*Betula papyrifera*)

The **woody shrubs** observed include:

Sweet-fern (*Comptonia peregrina*), lowbush blueberry (*Vaccinium angustifolium*), catalpa (*Catalpa spp.*), multiflora rose (*Rosa multiflora*)*

The **herbaceous (non-woody) plants** observed include:

Princess pine (*Dendrolycopodium obscurum*), bristly dewberry (*Rubus hispidus*), spotted wintergreen (*Chimaphila umbellate*), downy rattlesnake plantain (*Goodyera pubescens*)

The **wildlife** observed include

Birds: Red-bellied woodpecker, black-capped chickadee, American robin, hairy woodpecker, downy woodpecker

Mammals: White-tailed deer, gray squirrel

Amphibians and Reptiles: None

Invertebrates: Moth (Order Lepidoptera), insect gall on a shrub

*These species are known invasive species and should be carefully managed.

Expected Wildlife Species

Based on the local topography, geographical features, and forest composition, the following species can be expected to use the Beaudoin Conservation Area for all or part of the year^{2,3}:

Amphibians & Reptiles

Marbled salamander
Blue-spotted salamander
Spotted salamander
Northern dusky salamander
Northern redback salamander
Northern two-lined salamander
Eastern American toad
Gray treefrog
Green frog
Wood frog
Spotted turtle
Northern brown snake
Northern redbelly snake
Common garter snake
Ribbon snake
Eastern hognose snake
Northern ringneck snake
Eastern worm snake
Northern black racer
Black rat snake
Eastern milk snake

Mammals

Virginia opossum
Masked shrew
Northern short-tailed shrew
Little brown myotis
Northern long-eared bat
Silver-haired bat
Eastern pipistrelle
Big brown bat
Red bat
Hoary bat

(Mammals, cont.)

Eastern cottontail
Eastern chipmunk
Gray squirrel
Southern flying squirrel
Beaver
Deer mouse
White-footed mouse
Southern red-backed vole
Woodland vole
Coyote
Red fox
Gray fox
Black bear
Fisher
Ermine
Long-tailed weasel
Mink
White-tailed deer

Birds

Turkey vulture
Red-shouldered hawk
American kestrel
Ruffed grouse
Wild turkey
American woodcock
Mourning dove
Black-billed cuckoo
Yellow-billed cuckoo
Eastern screech-owl
Great horned owl
Barred owl
Northern saw-whet owl
Whip-poor-will

(Birds, cont.)

Ruby-throated hummingbird
Red-bellied woodpecker
Yellow-bellied sapsucker
Downy woodpecker
Hairy woodpecker
Northern flicker
Pileated woodpecker
Eastern wood-pewee
Willow flycatcher
Least flycatcher
Eastern phoebe
Great crested flycatcher
Eastern kingbird
White-eyed vireo
Yellow-throated vireo
Blue-headed vireo
Red-eyed vireo
Acadian flycatcher
Blue jay
American crow
Common raven
Black-capped chickadee
Tufted titmouse
White-breasted nuthatch
Brown creeper
Carolina wren
House wren
Golden-crowned kinglet
Blue-gray gnatcatcher
Eastern bluebird
Veery
Wood thrush
American robin
Gray catbird

(Birds, cont.)

Northern mockingbird

Brown thrasher

Cedar waxwing

Yellow warbler

Chestnut-sided warbler

Black-and-white warbler

American redstart

Worm-eating warbler

Ovenbird

Louisiana waterthrush

Hooded warbler

Canada warbler

Scarlet tanager

Eastern towhee

Song sparrow

White-throated sparrow

Northern cardinal

Rose-breasted grosbeak

Indigo bunting

Baltimore oriole

American goldfinch

1. United States Geological Survey. 2021. Quidneck brook near Coventry, RI. Monitoring location 01115920. <https://waterdata.usgs.gov/monitoring-location/01115920/#period=P1Y>. Accessed 15 Jan. 2023.
2. DeGraaf, R.M., Yamasaki, M. 2001. New England wildlife: habitat, natural history, and distribution. University Press of New England. 482 pp.
3. DeGraaf, R.M., Yamasaki, M., Leak, W.B., Lester, A.M. 2006. Technical guide to forest wildlife habitat management in New England. University of Vermont Press. 305 pp.