

Table 1. List of plants species recorded at the Nipmuc River Conservation Area in 2004 (by life form). Nomenclature based on Gould et al. (1998).

Trees (25)

Native (24)

Red Maple
Sugar Maple
Yellow Birch
Black Birch
Gray Birch
Ironwood
hickory
American Chestnut
Frost Hawthorn
American Beech
White Ash
Eastern Red Cedar
Tulip-tree
Black Gum
Hop-hornbeam
Pitch Pine
Eastern White Pine
Wild Black Cherry
White Oak
Red Oak
Black Oak
Sassafras
Eastern Hemlock
American Elm

Unknown (1)

hawthorn

Acer rubrum
Acer saccharum
Betula alleghaniensis
Betula lenta
Betula populifolia
Carpinus caroliniana
Carya sp.
Castanea dentata
Crataegus pruinosa
Fagus grandifolia
Fraxinus americana
Juniperus virginiana
Liriodendron tulipifera
Nyssa sylvatica
Ostrya virginiana
Pinus rigida
Pinus strobus
Prunus serotina
Quercus alba
Quercus rubra
Quercus velutina
Sassafras albidum
Tsuga canadensis
Ulmus americanus

Crataegus sp.

Shrubs (40)

Native (38)

Speckled Alder
shadbush
Red Chokeberry
Sweet Pepperbush
Sweetfern
Silky Dogwood
Red-osier Dogwood
Beaked Hazelnut
Water-willow
Bush-honeysuckle
Black Huckleberry
Dangleberry
Witch-hazel
Winterberry
Common Juniper
Sheep-laurel
Mountain-laurel
Northern Spicebush
Maleberry
Common Mountain-holly
Choke-cherry
Scrub-oak

Alnus incana
Amelanchier sp.
Aronia arbutifolia
Clethra alnifolia
Comptonia peregrina
Cornus amomum
Cornus sericea
Corylus cornuta
Decodon verticillatus
Diervilla lonicera
Gaylussacia baccata
Gaylussacia frondosa
Hamamelis virginiana
Ilex verticillata
Juniperus communis
Kalmia angustifolia
Kalmia latifolia
Lindera benzoin
Lyonia ligustrina
Nemopanthus mucronatus
Prunus virginiana
Quercus ilicifolia

Species that are state-listed by the Rhode Island Natural Heritage Program (Enser 2002b)

* Species that are listed as invasive by the Rhode Island Invasive Species Council (Gould 2001)

Table 2. Birds recorded along the Nipmuc River Trail (courtesy of Todd McLeish). Nomenclature based on August et al. (2001).

Great Blue Heron (<i>Ardea herodias</i>) [#]	Northern Cardinal (<i>Cardinalis cardinalis</i>)
Mallard (<i>Anas platyrhynchos</i>)	Rose-breasted Grosbeak (<i>Pheucticus ludovicianus</i>) ^{PIF}
Turkey Vulture (<i>Cathartes aura</i>)	Eastern Towhee (<i>Pipilo erythrophthalmus</i>)
Sharp-shinned Hawk (<i>Accipiter striatus</i>) ^{*, PIF}	Chipping Sparrow (<i>Spizella passerina</i>)
Red-shouldered Hawk (<i>Buteo lineatus</i>) ^{PIF}	Song Sparrow (<i>Melospiza melodia</i>)
Broad-winged Hawk (<i>Buteo platypterus</i>)	White-throated Sparrow (<i>Zonotrichia albicollis</i>)
Red-tailed Hawk (<i>Buteo jamaicensis</i>)	Dark-eyed Junco (<i>Junco hyemalis</i>)
Ruffed Grouse (<i>Bonasa umbellus</i>)	Red-winged Blackbird (<i>Agelaius phoeniceus</i>)
Wild Turkey (<i>Meleagris gallopavo</i>)	Common Grackle (<i>Quiscalus quiscula</i>)
Great Black-backed Gull (<i>Larus marinus</i>)	Brown-headed Cowbird (<i>Molothrus ater</i>)
Mourning Dove (<i>Zenaidura macroura</i>)	House Finch (<i>Carpodacus mexicanus</i>)
Belted Kingfisher (<i>Ceryle alcyon</i>)	American Goldfinch (<i>Carduelis tristis</i>)
Downy Woodpecker (<i>Picoides pubescens</i>)	House Sparrow (<i>Passer domesticus</i>)
Hairy Woodpecker (<i>Picoides villosus</i>) ^{PIF}	
Northern Flicker (<i>Colaptes auratus</i>)	
Acadian Flycatcher (<i>Empidonax virescens</i>) [#]	
Eastern Phoebe (<i>Sayornis phoebe</i>)	
Eastern Kingbird (<i>Tyrannus tyrannus</i>) [*]	
Tree Swallow (<i>Tachycineta bicolor</i>)	
Barn Swallow (<i>Hirundo rustica</i>)	
Blue Jay (<i>Cyanocitta cristata</i>)	
American Crow (<i>Corvus brachyrhynchos</i>)	
Black-capped Chickadee (<i>Parus atricapilla</i>)	
Tufted Titmouse (<i>Parus bicolor</i>)	
Red-breasted Nuthatch (<i>Sitta canadensis</i>)	
White-breasted Nuthatch (<i>Sitta carolinensis</i>)	
Brown Creeper (<i>Certhia americana</i>)	
House Wren (<i>Troglodytes aedon</i>)	
Golden-crowned Kinglet (<i>Regulus satrapa</i>) [#]	
Ruby-crowned Kinglet (<i>Regulus calendula</i>)	
Blue-gray Gnatcatcher (<i>Poliophtila caerulea</i>)	
Veery (<i>Catharus fuscescens</i>)	
Hermit Thrush (<i>Catharus guttatus</i>)	
Wood Thrush (<i>Hylocichla mustelina</i>) ^{PIF, TNC}	
American Robin (<i>Turdus migratorius</i>)	
Gray Catbird (<i>Dumetella carolinensis</i>)	
Cedar Waxwing (<i>Bombycilla cedrorum</i>)	
European Starling (<i>Sturnus vulgaris</i>)	
Blue-headed Vireo (<i>Vireo solitarius</i>)	
Red-eyed Vireo (<i>Vireo olivaceus</i>)	
Magnolia Warbler (<i>Dendroica magnolia</i>)	
Black-throated Blue Warbler (<i>Dendroica caerulescens</i>) ^{*, PIF, TNC}	
Yellow-rumped Warbler (<i>Dendroica coronata</i>)	
Black-throated Green Warbler (<i>Dendroica virens</i>)	
Blackburnian Warbler (<i>Dendroica fusca</i>) ^{*, PIF}	
Pine Warbler (<i>Dendroica pinus</i>)	
Black-and-white Warbler (<i>Mniotilta varia</i>) ^{PIF}	
American Redstart (<i>Setophaga ruticilla</i>)	
Ovenbird (<i>Seiurus aurocapillus</i>)	
Northern Waterthrush (<i>Seiurus noveboracensis</i>)	
Louisiana Waterthrush (<i>Seiurus motacilla</i>) ^{PIF, TNC}	
Common Yellowthroat (<i>Geothlypis trichas</i>)	
Scarlet Tanager (<i>Piranga olivacea</i>) ^{PIF}	

* Species not observed by Todd McLeish, but observed by RINHS in 2004

Species that are state-listed by the Rhode Island Natural Heritage Program (Enser 2002a)

^{PIF} Species listed as priority species in Southern New England by Partners in Flight (Dettmers and Rosenberg 2000)

^{TNC} Species listed as ecoregional conservation targets by The Nature Conservancy (Barbour 2001)

Table 3. Mammals with the potential to occur at the Nipmuc River Conservation Area. Nomenclature based on August et al. (2001).

Virginia Opossum (*Didelphis virginiana*)
 Northern Short-tailed Shrew (*Blarina brevicauda*)
 Masked Shrew (*Sorex cinereus*)
 Star-nosed Mole (*Condylura cristata*)
 Common Water Shrew (*Sorex palustris*)[#]
 Little Brown Myotis (*Myotis lucifagus*)
 Southern Flying Squirrel (*Glaucomys volans*)
 Eastern Gray Squirrel (*Sciurus carolinensis*)*
 Eastern Chipmunk (*Tamias striatus*)*
 Red Squirrel (*Tamiasciurus hudsonicus*)
 American Beaver (*Castor canadensis*)*
 Woodland Jumping Mouse (*Napaeozapus insignis*)
 Southern Red-backed Vole (*Clethrionomys gapperi*)
 Common Muskrat (*Ondatra zibethicus*)
 White-footed Mouse (*Peromyscus leucopus*)
 Coyote (*Canis latrans*)
 Common Gray Fox (*Urocyon cinereoargenteus*)
 Red Fox (*Vulpes vulpes*)
 Common Raccoon (*Procyon lotor*)
 Northern River Otter (*Lontra canadensis*)
 American Mink (*Mustela vison*)
 Striped Skunk (*Mephitis mephitis*)
 Fisher (*Martes pennanti*)[#]
 Long-tailed Weasel (*Mustela frenata*)[†]
 White-tailed Deer (*Odocoileus virginianus*)*

[†] Species observed by Todd McLeish

*Species observed by RINHS in 2004

[#]Species that are state-listed by the Rhode Island Natural Heritage Program (Enser 2002a)

Table 4. Fish observed in the Nipmuc River, at the USGS Gauging Station off Sherman Farm Road (courtesy of Alan Libby, RI DEM). Listed in decreasing order of abundance. Nomenclature based on August et al. (2001).

Fallfish (<i>Semotilus corporalis</i>)	Native
Tessellated Darter (<i>Etheostoma olmstedii</i>)	Native
White Sucker (<i>Catostomus commersoni</i>)	Native
Redfin Pickerel (<i>Esox americanus</i>)	Native
Bluegill (<i>Lepomis macrochirus</i>)	Introduced
Brook Trout (<i>Salvelinus fontinalis</i>)	Introduced
Chain Pickerel (<i>Esox niger</i>)	Native
Pumpkinseed (<i>Lepomis gibbosus</i>)	Native
Swamp Darter (<i>Etheostoma fusiforme</i>)	Native
Yellow Bullhead (<i>Ameiurus natalis</i>)	Introduced

*Species that are state listed by the Rhode Island Natural Heritage Program (Ebert 2002)

*Species observed by RINIS in 2004

*Species observed by Todd Moulton