

Natural Resources Inventory and Assessment

February 1998



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BLACKSTONE RIVER VALLEY

National Heritage Corridor Commission



APPENDIX A

LISTED SPECIES

Below are rare species of plants and animals in the Blackstone River Valley National Heritage Corridor listed by the states of Massachusetts and Rhode Island. With the exception of transient peregrine falcons, there are no Federally-listed species in the Corridor.

GROUP	COMMON NAME	MA	STATUS	
			RI	
VERTEBRATES				
Fish	American Brook Lamprey		T	SC
Amphibians	Jefferson Salamander		SC	
	Blue-spotted Salamander		SC	
	Marbled Salamander		T	+
	Spring Salamander		SC	SC
	Four-toed Salamander		SC	+
Reptiles	Blanding's Turtle		T	
	Spotted Turtle		SC	+
	Wood Turtle		SC	SC
	Eastern Box Turtle		SC	+
	Worm Snake		T	SC
	Hognose Snake		+	SC
	Timber Rattlesnake		E	
Birds (nesting only)	American Bittern		SC	H
	Least Bittern		T	SC
	Great Blue Heron		WL	SC
	Cooper's Hawk		SC	SC
	Common Nighthawk		+	SC
	Northern Goshawk			SC
	Sharp-shinned Hawk		SC	
	Sora		+	SC
	Northern Saw-whet Owl			SC
	Pileated Woodpecker		+	SC
	Acadian Flycatcher			SC
	Winter Wren		+	SC
	Marsh Wren		+	SC
	Golden-winged Warbler		E	H
	Black-throated Blue Warbler		+	T
	Blackblurnian Warbler			T
	Worm-eating Warbler			SC
	Grasshopper Sparrow		T	
White-throated Sparrow		+	SC	
Henslow's Sparrow		E		

	Dark-eyed Junco		+		SC
	Upland Sandpiper		E		
Mammals	Smoky Shrew		+		SC
	Water Shrew		SC		SC
	Southern Bog Lemming		SC		SC
	Fisher		+		SC
	Hoary Bat		WL		
	Indiana Myotis		E		

INVERTEBRATES

Dragonflies	Ringed Boghaunter		E		SC
Beetles	Twelve-spotted Tiger Beetle		SC		+
	Red-bellied Tiger Beetle	T		SC	
Butterflies and Moths	Bog Copper		+		SC
	Acadian Hairstreak		+		SC
	Hickory Hairstreak		+		SC
	Hessel's Hairstreak		SC		SC
	Frosted Elfin		+		SC
	Northern Pearly Eye		+		SC

PLANTS

Ferns and Fern Allies	Mountain Spleenwort		E		E
	Walking Fern				E
	Maidenhair Spleenwort		+		SC
	Water Horsetail		+		SC
	Woodland Horsetail		+		SC
	Ostrich Fern		+		SC
	River Quillwort		+		SC
	Stiff Clubmoss		+		E
	Triangle Grapefern		+		SC
	Daiseyleaf Grapefern		+		SC
	Dwarf Grapefern		+		SC
	Purple Cliff-brake				E
	Climbing Fern		SC		SC
Gymnosperms	Ground Hemlock		+		SC
	American Larch			+	
	Black Spruce		+		SC
Angiosperms	Striped Maple		+		SC
	Honewort		+		SC
	Golden Alexanders		+		SC
	Spikenard		+		SC
	American Ginseng		SC		E
	Purple Milkweed		T		SC
	Whorled Milkweed		T		SC

Large-leaved Aster	+	SC
Lion's Foot	E	SC
Sclerolepis	E	E
Blue Cohosh	+	T
Feverwort	E	SC
Hobblebush	+	SC
Golden Heather	+	SC
Round-leaved Dogwood	+	SC
Piled Sedge	+	SC
Bog Sedge	+	SC
Log-stalked Sedge	+	T
Variable Sedge	E	E
Horsetail Spike-rush		SC
Inundated Horned-rush		E
Bog Rosemary	+	E
Creeping Snowberry	+	T
Pale Laurel	+	T
Spreading Tick-trefoil	E	
Wild Lupino	+	SC
Pale Corydalis	+	SC
Bicknell's Geranium	+	SC
American Pennyroyal	+	SC
Colicroot	+	SC
Zigzag Bladderwort	+	T
Rose-twisted Stalk	+	T
Canada Lily	+	T
Black Ash	+	SC
Small Enchanter's Nightshade	+	SC
Showy Orchid	+	SC
Lily-leaved Twayblade	+	T
Northern Green Orchid	+	T
Small Purple Fringed Orchid	+	SC
Spring Ladies'-tresses	SC	SC
Squaw-root	+	SC
Bloodroot	+	SC
Featherfoil	+	SC
One-sided Pyrola	+	SC
Red Baneberry	+	SC
Long-fruited Anemone	+	SC
Hepatica	+	SC
Yellow Water-crowfoot	+	SC
Dewdrop	+	E
Podgrass	T	E
Tall White Beardtongue	+	SC
Early Saxifrage	+	SC
Swamp Saxifrage	+	SC
Slippery Elm	+	SC
Palmate-leaved Violet	+	T
Round-leaved Yellow Violet	+	SC
Dwarf Mistletoe	+	E
Northern Yellow-eyed Grass	+	SC

Key E = Endangered; T = Threatened; SC = Special Concern; WL = on Watch List; H = Historic
 + = present in state but not listed as rare
 blank space indicates not present in Blackstone Corridor

ADDITIONAL SPECIES OF INVERTEBRATES AND PLANTS LISTED BY THE MASSACHUSETTS NATURAL HERITAGE & ENDANGERED SPECIES PROGRAM

COMMON NAME	LAST OBSERVED	STATUS IN MA
INVERTEBRATES		
Mystic Valley Amphipod	1989	SC
Purple Tiger Beetle	0000	SC
Hessel's Hairstreak	1987	SC*
Imperial Moth	1934-Pre	SC
Northern Hairstreak	1992	SC
Regal Fritillary	1934-Pre	E
Triangle Floater	1974	SC
Smooth Branched Sponge	1989	SC
PLANTS		
Purple Milkweed	1954	T*
Sclerolepis	1981	E*
Northern Wild Comfrey	1879	H
Climbing Fumitory	1938	T
Broad Waterleaf	1934	E
Pondshore Knotweed	1934	SC
Purple Clematis	1940-Pre	SC
Hairy Beardtongue	1890	E
Indian Paintbrush	1940-Pre	H
Sandplain Gerardia	1944	E
Swamp Lousewort	1940	E
Pappilose Nut-Sedge	1989	E
Shore Sedge	1933	T
Slender Cottongrass	1988	T
Tall Nut-Sedge	1986	E
Arethusa	1935	T
Grass-Leaved Ladies'-Tresses	1993	SC
Large Whorled Pogonia	1964	WL
Orange Fringed Orchis	1934	H
Pale Green Orchis	1939	T
Philadelphia Panic-Grass	1990	SC
Small Bur-Reed	1865	E
Lake Quilwort	1922	E
Adder's-Tongue Fern	1933	T
Climbing Fern	1995	SC*

**Also listed in Rhode Island*

ADDITIONAL SPECIES CONSIDERED HISTORIC IN THE BLACKSTONE VALLEY CORRIDOR (SINCE 1900)
(includes approximate date of last occurrence)

Freshwater Mussels	Swollen Wedgemussel – candidate for Federal listing – recorded from Blackstone River, Canal Falls (1897). Unknown after this date.
Fish	Several species of anadromous fish eliminated from the Blackstone River by the construction of dams, all before 1900.
Amphibians	Eastern Spadefoot (MA: never recorded in Blackstone Valley; RI: Providence – 1906)
Reptiles	Timber Rattlesnake: although likely present in the Blackstone Valley historically, extinct from region prior to 1900.
Birds (nesting)	Pied-billed Grebe (MA – last date not known; RI: Pawtucket – 1917) American Bittern (MA: may still be present; RI: Lincoln – 1970s;) Sharp-shinned Hawk (MA – last date not known; RI: Smithfield – 1911) Cliff Swallow (MA – last date not known; RI: Cumberland – 1940) Golden-winged Warbler (MA – may still be present; RI: Lincoln – 1956) Yellow-breasted Chat (MA: Leicester – 1974; RI: Lincoln – 1936) Vesper Sparrow (MA: last date not known; RI: Gloucester – 1946) Honslow's Sparrow (MA: Leicester – 1974; RI: not in Blackstone Valley)
Plants	Sandplain Gerardia – Federally Endangered Species still present in southeast MA and RI; last recorded in Blackstone Valley as follows: MA: Douglas – 1944; RI: Cumberland – 1941)

In Rhode Island, the following plant species have been lost from the Corridor area since 1840. (plants with * are extinct from the entire state of Rhode Island)

Adder's-tongue (Burrillville – 1975)
Rusty Woodsia (Cumberland – 1977)*
Yellow Pimpernel (Smithfield – 1886)*
Aromatic Snakeroot (Cumberland – 1946)*
Pink Tickseed (Lincoln – 1900)
Purple Cudweed (Smithfield – 1844)*
False Grumwell (Providence – 1886)
Drummond's Rock-cress (Cumberland – 1931)*
Carolina Whitlow-grass (Providence – 1902)*
Water Lobelia (Cumberland – 1895)
Twinflower (Lincoln – 1923)*
Red-berried Elderberry (Cumberland – 1931)*
Creeping St. John's-wort (Cumberland – 1914)
Burreed-like Sedge (Cumberland – 1948)*
Hare's Tail (Gloucester – 1904)*
Umbrella Grass (Providence – 1846)*
Tiny-flowered Sedge (Providence – 1892)
Northern Cotton-grass (Cumberland – 1907)*

Long-beaked Bald Rush (Lincoln – 1872)
Reticulated Nut-rush (Smithfield – 1866)
Rattlebox (Providence – 1902)
Wild Senna (Smithfield – 1870)*
Goat's Rue (Cumberland – 1978)
Andrew's Closed Gentian (Glocester – 1915)*
Fringed Gentian (Cumberland – 1978)
Weak Rush (Lincoln – 1906)
Purple Trillium (Glocester – 1971)
Grooved Flax (Providence – 1844)
Green Adder's Mouth (Burrillville – 1980)*
White-fringed Orchid (Providence – 1900)
Orange-fringed Orchid (Providence – 1971)
Hooker's Orchid (Cumberland – 1885)
Round-leaved Orchid (Burrillville – 1971)
Large Round-leaved Orchid (Glocester – 1973)
Shining Ladies'-tresses (Lincoln – 1960)*
Indian Grass (Lincoln – 1921)
Riverweed (Smithfield – 1894)*
Hairy Agrimony (Lincoln — 1913)*
Hairy Herb-Bennet (Lincoln – 1921)*
Grass-of-Parnassus (Lincoln – 1985)*
Painted-cup (Lincoln – 1879)*

