



NEW HAMPSHIRE NATURAL HERITAGE BUREAU

DRED - DIVISION OF FORESTS & LANDS

PO Box 1856 -- 172 PEMBROKE ROAD, CONCORD, NH 03302-1856

PHONE: (603) 271-2214 FAX: (603) 271-6488

To: Ellen Snyder, Ibis Wildlife Consulting
26 Johnson Drive
Newmarket NH 03857

From: Sara Cairns, NH Natural Heritage Bureau

Date: 2009-05-19

Re: Review by NH Natural Heritage Bureau of request dated 2009-05-18

NHB File ID: 577

Town: Durham

Project type: Landowner Request

Location: Wagon Hill Farm

I have searched our database for records of rare species and exemplary natural communities on the property(s) identified in your request. Our database includes known records for species officially listed as Threatened or Endangered by either the state of New Hampshire or the federal government, as well as species and natural communities judged by experts to be at risk in New Hampshire but not yet formally listed.

NHB records on the property(s): **None**

NHB records within one mile of the property(s):

	Last Reported	Listing Status		Conservation Rank	
		Federal	NH	Global	State
Vertebrate species (For more information on animal species, contact Kim Tuttle, NH F&G at 271-6544)					
Common Tern (<i>Sterna hirundo</i>)	2003	--	T	G5	S1
Golden-winged Warbler (<i>Vermivora chrysoptera</i>)	1984	--	SC	G4	S2B
Atlantic Sturgeon (<i>Acipenser oxyrinchus</i>)	1981	--	--	G3	S1
Natural Community		Federal	NH	Global	State
High salt marsh	1996	--	--	--	S3
Brackish marsh	2005	--	--	--	S2
Rich Appalachian oak rocky woods	1996	--	--	--	S1
Invertebrate Species		Federal	NH	Global	State
Columbine Duskywing (<i>Erynnis lucilius</i>)	1992	--	--	G4	S1
Ringed Bog Haunter (<i>Williamsonia lintneri</i>)	2008	--	E	G3	S1
Plant species		Federal	NH	Global	State
Water Marigold (<i>Megalodonta beckii</i>)	1962	--	E	G4	S1
Missouri Rock Cress (<i>Arabis missouriensis</i>)	1966	--	T	G5	S2

NOTE: This review *cannot* be used to satisfy a permit or other regulatory requirement to check for rare species or habitats that could be affected by a proposed project, since it provides detailed information only for records actually on the property.



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Plant species (cont.)		Federal	NH	Global	State
Dwarf Glasswort (<i>Salicornia bigelovii</i>)	1947	--	E	G5	S1
Salt-marsh Gerardia (<i>Agalinis maritima</i>)	1933	--	T	G5	S2
Downy False Foxglove (<i>Aureolaria virginica</i>)	1966	--	E	G5	S1
Small-crested Sedge (<i>Carex cristatella</i>)	1950	--	T	G5	S2
Small Spike-rush (<i>Eleocharis parvula</i>)	1937	--	T	G5	S2
Hairy Brome Grass (<i>Bromus pubescens</i>)	1954	--	E	G5	S1
Philadelphia Panic Grass (<i>Panicum philadelphicum</i>)	1943	--	E	G5	S1
Tundra Alkali Grass (<i>Puccinellia tenella ssp. langeana</i>)	1964	--	E	T4	S1
Large Bur-reed (<i>Sparganium eurycarpum</i>)	2007	--	T	G5	S2
Engelmann's Quillwort (<i>Isoetes engelmannii</i>)	1956	--	E	G4	S1

Listing codes: T = Threatened, E = Endangered

Rank prefix: G = Global, S = State, T = Global or state rank for a sub-species or variety (taxon)

Rank suffix: 1-5 = Most (1) to least (5) imperiled. "--", U, NR = Not ranked, B = Breeding population, N = Non-breeding, H = Historical, X = Extirpated.

A negative result (no record in our database) does not mean that no rare species are present. Our data can only tell you of known occurrences, based on information gathered by qualified biologists and reported to our office. However, many areas have never been surveyed, or have only been surveyed for certain species. An on-site survey would provide better information on what species and communities are indeed present.

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