



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: 575

Town: Durham

Project type: Landowner Request

Location: Durham Point Rd Forest / Horsehide Creek / Colby Marsh

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):

	Mapping Precision	% within tract	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)							
Golden-winged Warbler (<i>Vermivora chrysoptera</i>)	Good	25	1984	--	SC	G4	S2B
Least Bittern (<i>Ixobrychus exilis</i>)	Good	7	1995	--	SC	G5	S1

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)					
Osprey (<i>Pandion haliaetus</i>)	2006	--	SC	G5	S2B
Banded Sunfish (<i>Enneacanthus obesus</i>)	2005	--	SC	G5	S3
New England Cottontail (<i>Sylvilagus transitionalis</i>)	2008	--	E	G3	S3
Spotted Turtle (<i>Clemmys guttata</i>)	2003	--	T	G5	S3
Blanding's Turtle (<i>Emydoidea blandingii</i>)	2006	--	E	G4	S3

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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Natural Community		Federal	NH	Global	State
High salt marsh	2003	--	--	--	S3
Rich Appalachian oak rocky woods	1960	--	--	--	S1
Invertebrate Species		Federal	NH	Global	State
Ringed Bog Haunter (<i>Williamsonia lintneri</i>)	2008	--	E	G3	S1
Plant species		Federal	NH	Global	State
Black Maple (<i>Acer nigrum</i>)	1996	--	T	G5	S2
Water Marigold (<i>Megalodonta beckii</i>)	1995	--	E	G4	S1
Three-seeded Mercury (<i>Acalypha virginica</i>)	1976	--	E	G5	S1
Water-plantain Spearwort (<i>Ranunculus ambigens</i>)	1996	--	E	G4	S1
Salt-marsh Gerardia (<i>Agalinis maritima</i>)	2003	--	T	G5	S2
Downy False Foxglove (<i>Aureolaria virginica</i>)	1946	--	E	G5	S1
Small-crested Sedge (<i>Carex cristatella</i>)	1996	--	T	G5	S2
Small Spike-rush (<i>Eleocharis parvula</i>)	1937	--	T	G5	S2
Lined Bulrush (<i>Scirpus pendulus</i>)	1962	--	E	G5	S1
Star Duckweed (<i>Lemna trisulca</i>)	1995	--	E	G5	S1
Pale Duckweed (<i>Lemna valdiviana</i>)	1971	--	E	G5	S1
Turk's Cap Lily (<i>Lilium superbum</i>)	1996	--	E	G5	S1
Loesel's Twayblade (<i>Liparis loeselii</i>)	2007	--	T	G5	S2
Pale Green Orchid (<i>Platanthera flava</i> var. <i>herbiola</i>)	2007	--	T	T4	S2
Tundra Alkali Grass (<i>Puccinellia tenella</i> ssp. <i>langeana</i>)	1951	--	E	T4	S1
Large Bur-reed (<i>Sparganium eurycarpum</i>)	2007	--	T	G5	S2
Horned Pondweed (<i>Zannichellia palustris</i>)	1972	--	E	G5	S1
Engelmann's Quillwort (<i>Isoetes engelmannii</i>)	1956	--	E	G4	S1
Large-spored Quillwort (<i>Isoetes lacustris</i>)	1978	--	E	G5	--

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.

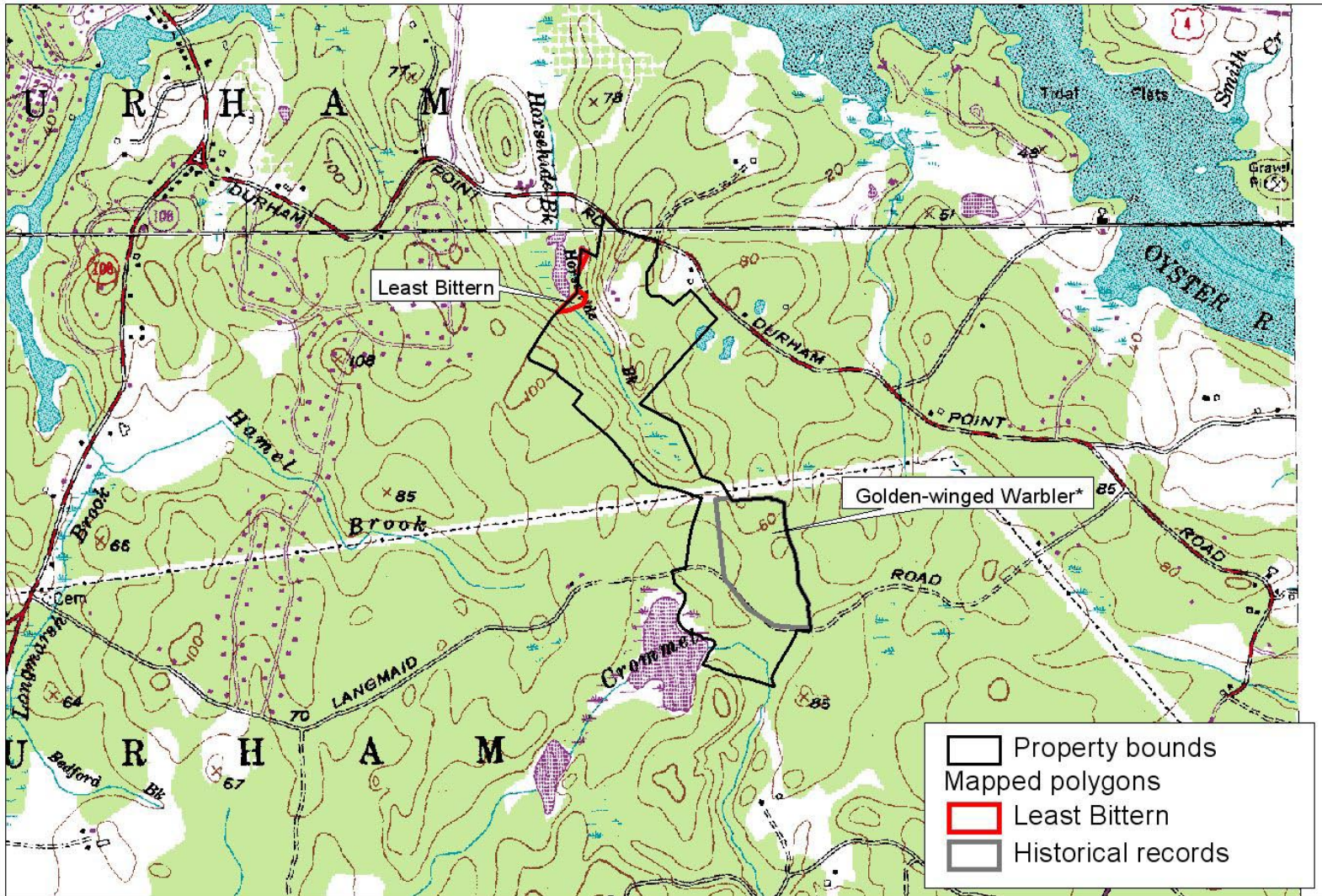
A negative result (no record in our database) does not mean that no rare species are present. Our data can only tell you of known occurrences, based on information gathered by qualified biologists and reported to our office. However, many areas have never been surveyed, or have only been surveyed for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

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.



Known locations of rare species and exemplary natural communities

Sensitive species are labelled but not mapped. All other records are clipped to the property boundaries. Occurrences not on the property are not shown.



*Historical record

Property: Town of Durham, Longmarsh Road



New Hampshire Natural Heritage Bureau - Animal Record

Golden-winged Warbler (*Vermivora chrysoptera*)

Legal Status

Federal: Not listed
State: SC

Conservation Status

Global: Apparently secure but with cause for concern
State: Not ranked (need more information)

Description at this Location

Conservation Rank: Historical records only - current condition unknown.
Comments on Rank:

Detailed Description: 1984: 1 adult male and 1 adult female seen (Obs_id 1635).
General Area: 1984: Terrestrial - Scrub / shrubland (Obs_id 1635).
1984: Birds observed carrying food to undisclosed nest location in old field (Obs_id 1635).

Location

Survey Site Name: Between Oster River and Crommet Creek
Managed By: Chase

County: Strafford	USGS quad(s): Newmarket (4307018)
Town(s): Durham	Lat, Long: 430657N, 0705329W
Size: 87.3 acres	Elevation:

Precision: Within (but not necessarily restricted to) the area indicated on the map.

Directions: 1984: North of Longmarsh Road and south of powerlines and northeast of Colby Marsh - area also known as East Langmaid Farm (Obs_id 1635).

Dates documented

First reported: 1984-06-27	Last reported: 1984-06-27
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New Hampshire Natural Heritage Bureau - Animal Record

Least Bittern (*Ixobrychus exilis*)

Legal Status

Federal: Not listed
State: SC

Conservation Status

Global: Demonstrably widespread, abundant, and secure
State: Critically imperiled due to rarity or vulnerability

Description at this Location

Conservation Rank: Not ranked
Comments on Rank:

Detailed Description: 1995: 1 heard calling (Obs_id 67).
General Area: 1995: Freshwater - Marsh or swamp (green grassy emergent vegetation).

Location

Survey Site Name: Horsehide Brook
Managed By: Durham Point Rd. Forest

County: Strafford	USGS quad(s): Newmarket (4307018)
Town(s): Durham	Lat, Long: 430727N, 0705415W
Size: 12.9 acres	Elevation:

Precision: Within (but not necessarily restricted to) the area indicated on the map.

Directions: Horsehide Creek wetland on south side of Durham Point Road.

Dates documented

First reported: 1995-05-29	Last reported: 1995-05-29
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