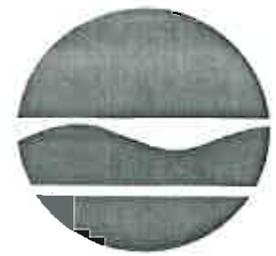
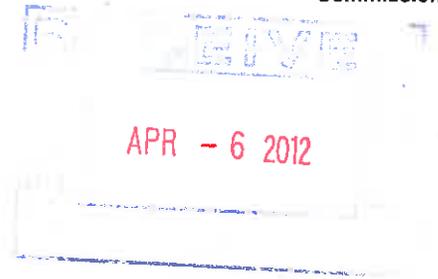


**NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION**  
**Division of Fish, Wildlife & Marine Resources**  
625 Broadway, 5<sup>th</sup> Floor, Albany, New York 12233-4757  
**Phone:** (518) 402-8935 • **Fax:** (518) 402-8925  
**Website:** [www.dec.ny.gov](http://www.dec.ny.gov)



Joe Martens  
Commissioner

March 26, 2012



Harry W Nichols Jr  
P. E.  
PO Box 252  
Brewster, NY 10509

Dear Mr. Nichols:

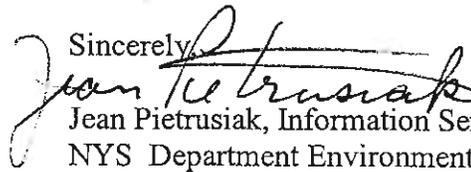
In response to your recent request, we have reviewed the New York Natural Heritage Program database with respect to an Environmental Assessment for the proposed Two Lot Subdivision – 2.93 Acre Parcel, site as indicated on the map you provided, located on Coleman Lane, Town of Dover, Dutchess County

Enclosed is a report of rare or state-listed animals and plants, significant natural communities, and other significant habitats, which our databases indicate occur, or may occur, on your site or in the immediate vicinity of your site. For most sites, comprehensive field surveys have not been conducted; the enclosed report only includes records from our databases. We cannot provide a definitive statement as to the presence or absence of all rare or state-listed species or significant natural communities. This information should not be substituted for on-site surveys that may be required for environmental impact assessment.

The enclosed report may be included in documents that will be available to the public. However, any enclosed maps displaying locations of rare species are considered sensitive information, and are intended only for the internal use of the recipient; they should not be included in any document that will be made available to the public, without permission from the New York Natural Heritage Program.

The presence of the plants and animals identified in the enclosed report may result in this project requiring additional review or permit conditions. For further guidance, and for information regarding other permits that may be required under state law for regulated areas or activities (e.g., regulated wetlands), please contact the appropriate NYS DEC Regional Office, Division of Environmental Permits, as listed at [www.dec.ny.gov/about/39381.html](http://www.dec.ny.gov/about/39381.html).

Our databases are continually growing as records are added and updated. If this proposed project is still under development one year from now, we recommend that you contact us again so that we may update this response with the most current information.

Sincerely,  
  
Jean Pietrusiak, Information Services  
NYS Department Environmental Conservation

Enc.  
cc: Reg. 3

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## Natural Heritage Report on Rare Species and Ecological Communities



NY Natural Heritage Program, NYS DEC, 625 Broadway, 5th Floor,  
Albany, NY 12233-4757  
(518) 402-8935

- ~The information in this report includes only records entered into the NY Natural Heritage databases as of the date of the report. This report is not a definitive statement on the presence or absence of all rare species or significant natural communities at or in the vicinity of this site.
- ~Refer to the User's Guide for explanations of codes, ranks and fields.
- ~Location maps for certain species and communities may not be provided 1) if the species is vulnerable to disturbance, 2) if the location and/or extent is not precisely known, 3) if the location and/or extent is too large to display, and/or 4) if the animal is listed as Endangered or Threatened by New York State.

## Natural Heritage Report on Rare Species and Ecological Communities



### COMMUNITIES

#### Rich sloping fen

This occurrence of Rich Sloping Fen is considered significant from a statewide perspective by the NY Natural Heritage Program. It is either an occurrence of a community type that is rare in the state or a high quality example of a more common community type. By meeting specific, documented significance criteria, the NY Natural Heritage Program considers this occurrence to have high ecological and conservation value.

Office Use

<b>NY Legal Status:</b> Unlisted	<b>NYS Rank:</b> S1S2	1827
<b>Federal Listing:</b>	<b>Global Rank:</b> G3	
<b>Last Report:</b> 1997-09-25	<b>EO Rank:</b>	
<b>County:</b> Dutchess		S
<b>Town:</b> Dover		
<b>Location:</b> Hammersly Ridge Pawling		

**General Quality and Habitat:** Small fair to poor quality fen. Remnant patches only. Suspect rapidly succeeding. Some exotics. Bordered by natural communities. The community is a small, very patchy rich sloping fen that occurs within Hammersly Ridge which rises at the east edge of the valley containing the north flow of the Great Swamp. The fen is bordered by successional red cedar woodland and successional northern hardwoods. The landscape within 500 acres includes successional northern hardwoods/Appalachian oak-hickory forest (80%), hemlock northern hardwoods (10%), and residential development (10%).

### MAMMALS

#### *Myotis leibii*

Eastern  
Small-footed Myotis

**NY Legal Status:** Special Concern

**NYS Rank:** S2 - Imperiled

Office Use  
13645

**Federal Listing:**

**Global Rank:** G3 - Vulnerable

**Last Report:** 2008-07-29

**EO Rank:** Extant

**County:** Dutchess

**Town:** Dover

**Location:** At, or in the vicinity of, the project site.

**General Quality and Habitat:** \*\*For information on the population at this location and management considerations, please contact the NYS DEC Regional Wildlife Manager for the Region where the project is located.

### VASCULAR PLANTS



*Chamaelirium luteum*

<p>Fairy Wand</p> <p><b>NY Legal Status:</b>Threatened</p> <p><b>Federal Listing:</b></p> <p><b>Last Report:</b> 2000-08-24</p> <p><b>County:</b> Dutchess</p> <p><b>Town:</b> Dover</p> <p><b>Location:</b> Hammersly Ridge Pawling</p> <p><b>General Quality and Habitat:</b> There are at least 850 individuals widely distributed in a well-protected woodland. This plant is found at a variety of microhabitats within this heavily wooded preserve. All plants were observed at or very near to the top of this ridge system. Some areas of the ridge are lower than others, but the plants are near the ridge top when looking east or west (i.e., there may be higher areas immediately north or south but everything is generally down slope either east or west of the plants). Generally in the heavily wooded area dominated by deciduous trees (particularly oaks, beech and hickories), one is likely to find a few scattered vegetative plants. Larger numbers of plants may be found in damp seepage areas. The largest populations are found in areas where the soil is damp and the canopy is open. These open areas represent a mixture of</p>	<p><b>NYS Rank:</b> S1S2 - Critically imperiled</p> <p><b>Global Rank:</b> G5 - Secure</p> <p><b>EO Rank:</b> Excellent</p>	<p>Office Use 357</p>
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*Liparis liliifolia*

<p>Large Twayblade</p> <p><b>NY Legal Status:</b>Endangered</p> <p><b>Federal Listing:</b></p> <p><b>Last Report:</b> 1986-06-19</p> <p><b>County:</b> Dutchess</p> <p><b>Town:</b> Dover</p> <p><b>Location:</b> At, or in the vicinity of, the project site.</p> <p><b>General Quality and Habitat:</b> **For information on the population at this location and management considerations, please contact the NY Natural Heritage Program Botanist at <a href="mailto:smyoung@gw.dec.state.ny.us">smyoung@gw.dec.state.ny.us</a> or 518-402-8951.</p>	<p><b>NYS Rank:</b> S1 - Critically imperiled</p> <p><b>Global Rank:</b> G5 - Secure</p> <p><b>EO Rank:</b> Fair</p>	<p>Office Use 5771</p> <p>S</p>
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4 Records Processed

More detailed information about many of the rare and listed animals and plants in New York, including biology, identification, habitat, conservation, and management, are available online in Natural Heritage's Conservation Guides at [www.acris.nynhp.org](http://www.acris.nynhp.org), from NatureServe Explorer at <http://www.natureserve.org/explorer>, from NYSDEC at <http://www.dec.ny.gov/animals/7494.html> (for animals), and from USDA's Plants Database at <http://plants.usda.gov/index.html> (for plants).

More detailed information about many of the natural community types in New York, including identification, dominant and characteristic vegetation, distribution, conservation, and management, is available online in Natural Heritage's Conservation Guides at [www.acris.nynhp.org](http://www.acris.nynhp.org). For descriptions of all community types, go to <http://www.dec.ny.gov/animals/29384.html> and click on Draft Ecological Communities of New York State.