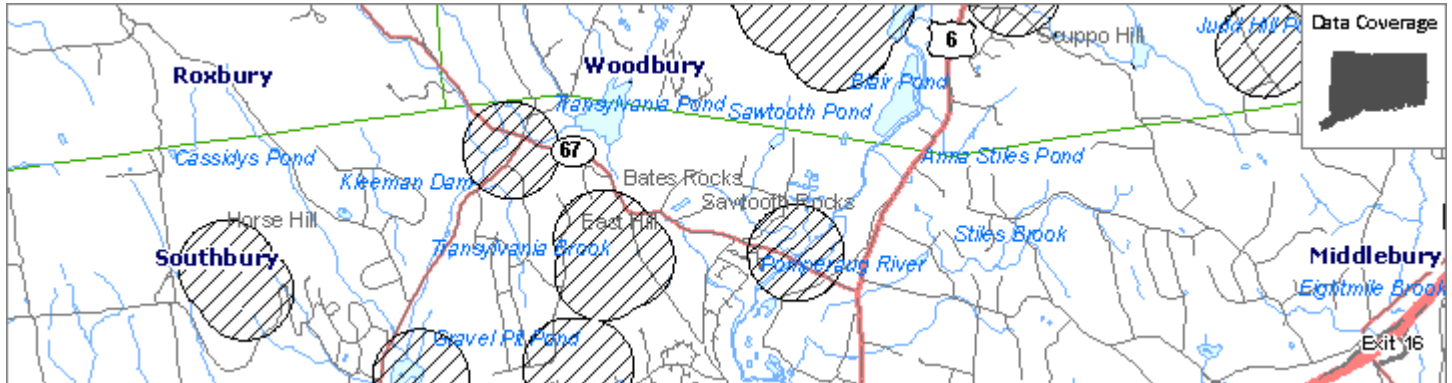


Natural Diversity Data Base Areas



Description

Natural Diversity Data Base Areas represent known locations, both historic and extant, of state and federal listed species. State listed species are those listed as Endangered, Threatened or Special Concern under the Connecticut Endangered Species Act ([Connecticut General Statutes, Section 26-303](#) and [Regulations of Connecticut State Agencies 26-306](#)). This dataset represents over 100 years worth of field observations, scientific collections, and publications. The data have been compiled from a variety of sources and in most cases do not represent comprehensive or state-wide surveys. Sources include state biologists, university students and professors, conservation organizations and private landowners. Low accuracy reports of species at the town or county level have been excluded. Much of the state is in private ownership and has not been surveyed. Unmapped areas may represent potential habitat that has not been adequately surveyed for all taxa.

The Natural Diversity Data Base Areas are a generalized representation of species observations. The exact locations and species names have been masked to protect sensitive species from collection and disturbance. Natural Diversity Data Base Areas are represented as polygon areas and mapped for use at 1:24,000 scale (1 inch = 2,000 feet). This dataset is updated every six months and reflects information that has been submitted and accepted up to that point. Critical Habitat data is not included in this layer and can be accessed separately. The Natural Diversity Data Base map series depicts NDDB Areas and Critical Habitats as separate layers.

Purpose

This dataset was developed to help state agencies and landowners comply with the State Endangered Species Act. Under the Act, state agencies are required to ensure that any activity authorized, funded or performed by the state does not threaten the continued existence of endangered or threatened species. Applicants for certain state and local permits may be required to consult with the Department of Energy and Environmental Protection's Natural Diversity Data Base (NDDB) as part of the permit process. Follow instructions provided in the appropriate permit guidance. If you require a federal endangered species review, work with your federal regulatory agency and review the [US Fish & Wildlife Service IPaC tool](#).

Natural Diversity Data Base Areas are intended to be used as a pre-screening tool to identify potential impacts to known locations of state listed species. To use this data for site-based endangered species review, locate the project boundaries and any additionally affected areas on the map. If any part of the project is within a NDDB Area then the project may have a conflict with a species. In the case of a potential conflict, an [Environmental Review Request](#) should be made to the Natural Diversity Data Base for further review. The DEEP will provide recommendations for avoiding impacts to state listed species. Additional on-site surveys may be requested of the applicant depending on the nature and scope of a project. For this reason, applicants should apply early in the planning stages of a project. Not all land use choices will impact the particular species that is present. Often, minor modifications to a proposed plan can alleviate conflicts with state listed species.

Other uses of the data include targeting areas for conservation or site management to enhance and protect rare species habitats.

Legend Description



NDDB Area

Generalized locations of state listed species and significant natural communities. Species names and other identifiers have been purposely withheld to protect sensitive sites.

MapDate (Month Year)

This dataset is updated twice a year. It is important to use the most current version. The MapDate will indicate the date of this dataset.

Use Limitations

This information does not include Critical Habitats, Natural Area Preserves, designated wetland areas or wildlife concentration areas. Because of the limited attribute information and buffered locations, this dataset is not suitable for species distribution information or analysis. Use of this generalized product is limited to a pre-screening tool and follow up with the DEEP is required for more specific information. Suitable and potentially occupied habitat may extend beyond mapped observation areas. Unmapped areas may represent potential habitat that has not been adequately surveyed for all taxa. Some of the information used to define the Natural Diversity Data Base area boundaries is based on features appearing on or other information derived from 1:24,000-scale USGS topographic quadrangle maps. Consequently, use caution when displaying the Natural Diversity Data Base areas at map scales larger and more detailed than 1:24,000 scale (1 inch = 2,000 feet).

Related Information

[Endangered Species](#) – general information about state listed species in Connecticut

[Natural Diversity Data Base Environmental Review Requests](#)– detailed information on how and when to submit a request for a database review.

Data Collection Date

Data collection is ongoing. The layer is updated every six months and reflects information that has been submitted and accepted up to that point. Refer to the Citation Publication Date information in the [GIS Metadata](#) for the most recent time period these data are currently available for.

Status

This information is updated every six months, approximately in June and December.

Map Scale

1:24,000 (1 inch = 2,000 feet)

Contact

For more on Endangered Species mapping, contact Karen Zyko, CT DEEP, Wildlife Division, (860) 424-3011. For more information on the Natural Diversity Data Base program and environmental review requests, contact CT DEEP, Wildlife Division, (860) 424-3011

Additional Documentation

[Natural Diversity Data Base Areas](#) – CT ECO Basic Data Guide

[GIS Metadata](#) – contains technical documentation describing these data and the data sources, process steps, and standards used to collect, digitize, and store this information in a geographic information system (GIS).

Natural Diversity Data Base Area maps in PDF format are downloadable from <https://portal.ct.gov/DEEP/NDDDB/Natural-Diversity-Data-Base-Maps>.

Originators

[CT Department of Energy and Environmental Protection](#)

GIS Data Download

Natural Diversity Data Base data in GIS format is downloadable from [DEEP GIS Data](#).

Connect GIS and AutoCAD software to this information online using the Habitat [CT ECO Map Service](#).