Natural Diversity Database (CT)

File Geodatabase Feature Class

Tags
biota, environment

Summary

The Natural Diversity Database Areas is 1:24,000-scale data. It depicts the approximate locations of state and federal listed species and significant natural communities. This data is intended to be used as a pre-screening tool to identify potential impacts to sensitive species. The data may also be used to target areas of potential conservation interest. More information can be obtained by submitting written environmental review request to the Natural Diversity Database. Not intended for maps printed at map scales greater or more detailed than 1:24,000 scale (1 inch = 2,000 feet.)

Description

The Natural Diversity Database Areas is a 1:24,000-scale, polygon feature-based layer that represents general locations of endangered, threatened and special concern species and significant natural communities. The layer is based on information collected by DEEP staff, cooperating scientists, conservation groups and landowners. In some cases an occurrence represents a location derived from literature, museum records and specimens. These data are compiled and maintained by the DEEP Bureau of Natural Resources, Natural Diversity Database Program. The layer is updated every six months and reflects information that has been submitted and accepted up to that point. The layer includes state and federally listed species and significant natural communities. It does not include Natural Area Preserves, designated wetland areas or wildlife concentration areas. These general locations were created by randomly shifting the true locations of terrestrial species and then adding a 0.25 mile buffer distance to each point, and by mapping linear segments with a 300 foot buffer associated with aquatic, riparian and coastal species. The exact location of the species or community falls somewhere within the polygon area and not necessarily in the center. Attribute information includes the date when these data were last updated. Species names are withheld to protect sensitive species from collection and disturbance. Data is compiled at 1:24,000 scale. These data are updated every six months, approximately in June and December. It is important to use the most current data available.

Credits
There are no credits for this item.

Use limitations

None. No restrictions or legal prerequisites for using the data after access is granted. The data is suitable for use at appropriate scale, and is not intended for maps printed at scales greater or more detailed than 1:24,000 scale (1 inch = 2,000 feet). Although these data have been used by the State of Connecticut, Department of Energy and Environmental Protection, no warranty, expressed or implied, is made by the State of Connecticut, Department of Energy

and Environmental Protection as to the accuracy of the data and or related materials. The act of distribution shall not constitute any such warranty, and no responsibility is assumed by the State of Connecticut, Department of Energy and Environmental Protection in the use of these data or related materials. The user assumes the entire risk related to the use of these data. Once the data is distributed to the user, modifications made to the data by the user should be noted in the metadata. When printing this data on a map or using it in a software application, analysis, or report, please acknowledge the State of Connecticut, Department of Energy and Environmental Protection as the source for this information. For example, include the following data source description when printing this layer on a map: Natural Diversity Database Areas - Compiled by CT DEEP.

Extent
   West   -73.722098   East   -71.775390
   North   42.054408   South   40.977401

Scale Range
   Maximum (zoomed in)   1:5,000
   Minimum (zoomed out)   1:150,000,000

ArcGIS Metadata ▶

Topics and Keywords ▶

   * CONTENT TYPE   Downloadable Data
      EXPORT TO FGDC CSDGM XML FORMAT AS RESOURCE DESCRIPTION   No

   Hide Topics and Keywords ▲

Citation ▶

   TITLE   Natural Diversity Database (CT)

   EDITION   December 2013

   PRESENTATION FORMATS   * digital map

   Hide Citation ▲

Resource Details ▼

Extents ▶

   EXTENT
      GEOGRAPHIC EXTENT
         BOUNDING RECTANGLE
            EXTENT TYPE   Extent used for searching
            * WEST LONGITUDE   -73.722098
            * EAST LONGITUDE   -71.775390
            * NORTH LATITUDE   42.054408
            * SOUTH LATITUDE   40.977401
            * EXTENT CONTAINS THE RESOURCE   Yes

         BOUNDING RECTANGLE

EXTENT TYPE   Extent used for searching
   * WEST LONGITUDE   -73.722098
   * EAST LONGITUDE   -71.775390
   * NORTH LATITUDE   42.054408
   * SOUTH LATITUDE   40.977401
   * EXTENT CONTAINS THE RESOURCE   Yes

BOUNDING RECTANGLE
   EXTENT TYPE   Extent used for searching
   * WEST LONGITUDE   -73.722098
   * EAST LONGITUDE   -71.775390
   * NORTH LATITUDE   42.054408
   * SOUTH LATITUDE   40.977401
   * EXTENT CONTAINS THE RESOURCE   Yes

EXTENT IN THE ITEM'S COORDINATE SYSTEM
   * WEST LONGITUDE   -8206706.354743
   * EAST LONGITUDE   -7989999.888113
   * SOUTH LATITUDE   5009008.878709
   * NORTH LATITUDE   5169132.964988
   * EXTENT CONTAINS THE RESOURCE   Yes

Hide Extents ▲

Resource Constraints ►

CONSTRAINTS
   LIMITATIONS OF USE
      None. No restrictions or legal prerequisites for using the data after access is granted. The data is suitable for use at appropriate scale, and is not intended for maps printed at scales greater or more detailed than 1:24,000 scale (1 inch = 2,000 feet). Although these data have been used by the State of Connecticut, Department of Energy and Environmental Protection, no warranty, expressed or implied, is made by the State of Connecticut, Department of Energy and Environmental Protection as to the accuracy of the data and or related materials. The act of distribution shall not constitute any such warranty, and no responsibility is assumed by the State of Connecticut, Department of Energy and Environmental Protection in the use of these data or related materials. The user assumes the entire risk related to the use of these data. Once the data is distributed to the user, modifications made to the data by the user should be noted in the metadata. When printing this data on a map or using it in a software application, analysis, or report, please acknowledge the State of Connecticut, Department of Energy and Environmental Protection as the source for this information. For example, include the following data source description when printing this layer on a map: Natural Diversity Database Areas - Compiled by CT DEEP.

Hide Resource Constraints ▲

Spatial Reference ►

ARCGIS COORDINATE SYSTEM
   * TYPE   Projected
   * GEOGRAPHIC COORDINATE REFERENCE   GCS_WGS_1984
   * PROJECTION   WGS_1984_Web_Mercator_Auxiliary_Sphere
   * COORDINATE REFERENCE DETAILS
   PROJECTED COORDINATE SYSTEM
      WELL-KNOWN IDENTIFIER   102100

X ORIGIN   -22041545.196626503
Y ORIGIN   -33272760.666300893
XY SCALE   135368852.55357128
Z ORIGIN   -100000
Z SCALE   10000
M ORIGIN   -100000
M SCALE   10000
XY TOLERANCE   0.001
Z TOLERANCE   0.001
M TOLERANCE   0.001
HIGH PRECISION   true
LATEST WELL-KNOWN IDENTIFIER   3857
WELL-KNOWN TEXT   PROJCS["WGS_1984_Web_Mercator_Auxiliary_Sphere",GEOGCS
["GCS_WGS_1984",DATUM["D_WGS_1984",SPHEROID
["WGS_1984",6378137.0,298.257223563]],PRIMEM["Greenwich",0.0],UNIT
["Degree",0.0174532925199433]],PROJECTION["Mercator_Auxiliary_Sphere"],PARAMETER
["False_Easting",0.0],PARAMETER["False_Northing",0.0],PARAMETER
["Central_Meridian",0.0],PARAMETER["Standard_Parallel_1",0.0],PARAMETER
["Auxiliary_Sphere_Type",0.0],UNIT["Meter",1.0],AUTHORITY["EPSG",3857]]

REFERENCE SYSTEM IDENTIFIER
   * VALUE   3857
   * CODESPACE   EPSG
   * VERSION   8.2.6

Hide Spatial Reference ▲

Spatial Data Properties ▶

VECTOR   ▶
   * LEVEL OF TOPOLOGY FOR THIS DATASET   geometry only

   GEOMETRIC OBJECTS
      FEATURE CLASS NAME   ecology_diversity_db_natser_ct_v3
      * OBJECT TYPE   composite
      * OBJECT COUNT   1226

   Hide Vector ▲

ARcGIS FEATURE CLASS PROPERTIES   ▶
   FEATURE CLASS NAME   ecology_diversity_db_natser_ct_v3
      * FEATURE TYPE   Simple
      * GEOMETRY TYPE   Polygon
      * HAS TOPOLOGY   FALSE
      * FEATURE COUNT   1226
      * SPATIAL INDEX   TRUE
      * LINEAR REFERENCING   FALSE

   Hide ArcGIS Feature Class Properties ▲

Hide Spatial Data Properties ▲

Geoprocessing history   ▼

Distribution ▶

DISTRIBUTOR ▶

AVAILABLE FORMAT
* NAME   SDE Feature Class

TRANSFER OPTIONS
ONLINE SOURCE
* LOCATION   Server=10.18.8.60; Service=sde92:sqlserver:10.18.8.60; Database=depgis; User=habitatedit; Version=sde.DEFAULT
* ACCESS PROTOCOL   ArcSDE Connection
* DESCRIPTION   Downloadable Data

Hide Distributor ▲

DISTRIBUTION FORMAT
* NAME   File Geodatabase Feature Class

TRANSFER OPTIONS
* TRANSFER SIZE   13.900

Hide Distribution ▲

Fields ▶

DETAILS FOR OBJECT ecology_diversity_db_natser_ct_v3 ▶
* TYPE   Feature Class
* ROW COUNT   1226
DEFINITION
Natural Diveristy Database Areas represented as polygon features.

DEFINITION SOURCE
State of Connecticut, Department of Energy and Environmental Protection

FIELD OBJECTID ▶
* ALIAS   OBJECTID
* DATA TYPE   OID
* WIDTH   4
* PRECISION   0
* SCALE   0
* FIELD DESCRIPTION
Internal feature number.

* DESCRIPTION SOURCE
Esri

* DESCRIPTION OF VALUES
Sequential unique whole numbers that are automatically generated.

Hide Field OBJECTID ▲

FIELD MAPDATE ▶
* ALIAS   MAPDATE
* DATA TYPE   String

* WIDTH 16
* PRECISION 0
* SCALE 0
FIELD DESCRIPTION
   This is the official publication date of this dataset. These data are updated every six
   months.

Hide Field MAPDATE ▲

FIELD AV_LEGEND ►
   * ALIAS AV_LEGEND
   * DATA TYPE String
   * WIDTH 16
   * PRECISION 0
   * SCALE 0

Hide Field AV_LEGEND ▲

FIELD NDDB_FLG ►
   * ALIAS NDDB_FLG
   * DATA TYPE String
   * WIDTH 5
   * PRECISION 0
   * SCALE 0

Hide Field NDDB_FLG ▲

FIELD SHAPE ►
   * ALIAS Shape
   * DATA TYPE Geometry
   * WIDTH 0
   * PRECISION 0
   * SCALE 0
   FIELD DESCRIPTION
      Feature geometry.

   DESCRIPTION SOURCE
      ESRI

   DESCRIPTION OF VALUES
      Coordinates defining the features.

Hide Field SHAPE ▲

FIELD Shape_Length ►
   * ALIAS Shape_Length
   * DATA TYPE Double
   * WIDTH 8
   * PRECISION 0
   * SCALE 0
   * FIELD DESCRIPTION
      Length of feature in internal units.

* DESCRIPTION SOURCE
  Esri

* DESCRIPTION OF VALUES
  Positive real numbers that are automatically generated.

Hide Field Shape_Length ▲

FIELD SHAPE_area ▶
  * ALIAS   Shape_Area
  * DATA TYPE   Double
  * WIDTH   8
  * PRECISION   0
  * SCALE   0
  * FIELD DESCRIPTION
    Area of feature in internal units squared.

  * DESCRIPTION SOURCE
    ESRI

  * DESCRIPTION OF VALUES
    Positive real numbers that are automatically generated.

Hide Field SHAPE_area ▲

Hide Details for object ecology_diversity_db_natser_ct_v3 ▲

OVERVIEW DESCRIPTION   ▶
  ENTITY AND ATTRIBUTE OVERVIEW
    Limited attributes have been included with this generalized data product. Species names and other identifiers have been purposely withheld. The Mapdate attribute is important to note as the data are updated twice a year. More information can be obtained by submitting written environmental review request to the Natural Diversity Database.

Hide Overview Description ▲

Hide Fields ▲

Metadata Details ▶

* METADATA LANGUAGE   English (UNITED STATES)
* METADATA CHARACTER SET   utf8 - 8 bit UCS Transfer Format

SCOPE OF THE DATA DESCRIBED BY THE METADATA   * dataset
SCOPE NAME   * dataset

* LAST UPDATE   2015-08-27

ARCGIS METADATA PROPERTIES
   METADATA FORMAT ArcGIS 1.0
   STANDARD OR PROFILE USED TO EDIT METADATA FGDC
   METADATA STYLE FGDC CSDGM Metadata

   CREATED IN ARCGIS FOR THE ITEM 2015-08-04 08:53:48
   LAST MODIFIED IN ARCGIS FOR THE ITEM 2015-08-27 85:44:80

   AUTOMATIC UPDATES
      HAVE BEEN PERFORMED Yes
      LAST UPDATE 2015-08-27 08:54:14

Hide Metadata Details ▲

Metadata Maintenance ►

MAINTENANCE
   DATE OF NEXT UPDATE 2013-12-01 00:00:00
   TIME PERIOD BETWEEN UPDATES
      TIME DURATION Every six months, approximately in June and December

Hide Metadata Maintenance ▲

Thumbnail and Enclosures ►

THUMBNAIL
   THUMBNAIL TYPE JPG

Hide Thumbnail and Enclosures ▲

FGDC Metadata (read-only) ▼