

TnE Protected Species Point, April 2025 Continuous Capture - NC Department of Transportation Geodatabase Feature Class



Tags Transportation, NCDOT, Environment, Location, North Carolina, ATLAS, NRTR, Natural Resources Technical Report, species, protected, protected species, biota

Summary

This dataset was originally created in May 2019 and updated in July 2021 and April 2025 as part of the Project ATLAS initiative at NCDOT to support project delivery in the development phase. This dataset is a continuously updated compilation of protected species points identified during the creation of the NRTR for transportation projects.

Description

The Threatened and Endangered (TnE) Protected Species Point dataset is a point layer in a statewide GIS dataset for protected species identified during the Natural Resources Technical Report (NRTR) work during project development for NCDOT. The points indicate the locations where a specific species is present or concentrated. This data is gathered per transportation project and compiled into one statewide GIS dataset to be used for future transportation planning and project development. This dataset is continuously updated with new records as Natural Resources Technical Reports are completed per transportation project during environmental analysis and project development.

Datasets developed under Project ATLAS do not replace any Natural Resources Technical Report work for future projects and may not be used as a replacement for site visits / field surveys by licensed professionals and hence should be used only as a supporting platform for decision making. Use of this dataset for project scoping or screening is merely pre-decisional.

Credits

Various consulting firms, contracted by NCDOT to conduct Natural Resources Technical Report work for transportation projects, contribute to this dataset. Additional contributors to this dataset are members of the NCDOT Environmental Analysis Unit. Support and maintenance of the enterprise spatial database where this data resides is handled by NCDIT's Transportation GIS Unit.

Use limitations

The North Carolina Department of Transportation shall not be held liable for any errors in this data. This includes errors of omission, commission, errors concerning the content of the data, and relative and positional accuracy of the data. This data cannot be construed to be a legal document. Primary sources from which this data was compiled must be consulted for verification of information contained in this data.

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Extent

There is no extent for this item.

Scale Range

Maximum (zoomed in) 1:5,000

Minimum (zoomed out) 1:625,000

Topics and Keywords

Themes or categories of the resource Biota, Environment, Location, Transportation

Content type Downloadable Data

Export to FGDC CSDGM XML format as Resource Description No

Theme keywords Transportation, NCDOT, Environment, Location, North Carolina, ATLAS, NRTR, Natural Resources Technical Report, species, protected, protected species, biota

Thesaurus

Title User

Publication date 2025-04-01 00:00:00

Creation date 2025-04-01 00:00:00

Place keywords North Carolina

Thesaurus

Title User

Publication date 2025-04-01 00:00:00

Creation date 2025-04-01 00:00:00

Citation

Title TnE Protected Species Point, April 2025 Continuous Capture - NC Department of Transportation

Publication date 2025-04-01 00:00:00

Creation date 2025-04-01 00:00:00

Presentation formats digital map

FGDC geospatial presentation format vector digital data

Citation Contacts

Responsible party - resource provider

Organization's name North Carolina Department of Transportation - EAU Mitigation and Modeling Unit

Contact's position Environmental Program Consultant

Contact information

Phone

Voice 919-707-6146

Address

Type physical

Delivery point Century Center Building B, 1020 Birch Ridge Drive

City Raleigh
Administrative area NC
Postal code 27610
Country US
e-mail address ATLAS@ncdot.gov

Hours of service

9:00am – 5:00pm Monday - Friday

Contact instructions

Please send an email with any issues, questions or comments regarding the ATLAS Data Search Tool, ATLAS Screening Tool or ATLAS Workbench. If it is an immediate need, please call the contact number or indicate as such in the subject line in an email.

Responsible party - point of contact

Organization's name North Carolina Department of Transportation - EAU Mitigation and Modeling Unit
Contact's position Environmental Program Consultant

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Phone

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Responsible party - originator

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Resource Details

Dataset languages English (UNITED STATES)

Dataset character set utf8 - 8 bit UCS Transfer Format

Status on-going

Spatial representation type vector

Processing environment Version 6.2 (Build 9200) ; Esri ArcGIS 10.8.1.14362

Credits

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ArcGIS item properties

Name ProtectedSpeciesPoint

Location Server=dot-sqlsazp03.dot.nc.net; Service=sde:sqlserver:dot-sqlsazp03.dot.nc.net\EGIS_01; Database=GdbGisuPubC; User=atlas; Version=sde.DEFAULT

Access protocol ArcSDE Connection

Extents

Extent

Description

Temporal extent is ongoing. Data collection will continue indefinitely.

Geographic extent

Bounding rectangle

West longitude -84.422111

East longitude -75.416034

South latitude 33.730557

North latitude 36.617257

Temporal extent

Beginning date 2025-04-01 00:00:00

Ending date 2025-04-01 00:00:00

Resource Points of Contact

Point of contact - originator

Organization's name North Carolina Department of Transportation - EAU Mitigation and Modeling Unit

Contact's position Environmental Program Consultant

Contact information

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Resource Maintenance

Resource maintenance

Update frequency continual

Scope of the updates dataset

Maintenance contact - originator

Organization's name North Carolina Department of Transportation - EAU Mitigation and Modeling Unit

Contact's position Environmental Program Consultant

Contact information

Phone

Voice 919-707-6146

Address

Type physical

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Resource Constraints

Legal constraints

Limitations of use

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Security constraints

Classification unclassified

Classification system None

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Spatial Reference

ArcGIS coordinate system

Type Projected

Geographic coordinate reference GCS_North_American_1983

Projection NAD_1983_StatePlane_North_Carolina_FIPS_3200_Feet

Coordinate reference details

ProjectedCoordinateSystem

WKID 102719

XOrigin -121841900
YOrigin -93659000
XYScale 3048.0060960121928
ZOrigin -100000
ZScale 10000
MOrigin -100000
MScale 10000
XYTolerance 0.0032808333333333331
ZTolerance 0.001
MTolerance 0.001
HighPrecision true
LatestWKID 2264

WKT

```
PROJCS["NAD_1983_StatePlane_North_Carolina_FIPS_3200_Feet",GEOGCS["GCS_North_American_1983",DATUM["D_North_American_1983",SPHEROID["GRS_1980",6378137.0,298.257222101]],PRIMEM["Greenwich",0.0],UNIT["Degree",0.0174532925199433]],PROJECTION["Lambert_Conformal_Conic"],PARAMETER["False_Easting",2000000.002616666],PARAMETER["False_Northing",0.0],PARAMETER["Central_Meridian",-79.0],PARAMETER["Standard_Parallel_1",34.33333333333334],PARAMETER["Standard_Parallel_2",36.16666666666666],PARAMETER["Latitude_Of_Origin",33.75],UNIT["Foot_US",0.3048006096012192],AUTHORITY["EPSG",2264]]
```

Reference system identifier

Value 2264
Codespace EPSG
Version 6.12(9.0.0)

Spatial Data Properties

Vector

Level of topology for this dataset geometry only

Geometric objects

Feature class name ProtectedSpeciesPoint

Object type point

Object count 0

ArcGIS Feature Class Properties

Feature class name ProtectedSpeciesPoint

Feature type Simple

Geometry type Point

Has topology FALSE

Feature count 0

Spatial index TRUE

Linear referencing FALSE

Data Quality

Scope of quality information

Resource level dataset

Data quality report - Formal consistency

Data quality measure reference

Measure name Data Standards

Measure description

Completeness, consistency, positional and attribute accuracy are solely dependent upon entities contributing to this dataset. The NCDOT ATLAS Workbench application performs quality control checks on data coming into the enterprise database ensuring that schema is consistent. Checks are made for file name, attribute names, attribute types, attribute length/scale/precision, project number of the feature class vs the values in the ProjNumber field, and date.

Quality evaluation procedure

Evaluation method

Data submitted to the ATLAS gateway through the Workbench tool must follow standards outlined in the ATLAS Standards Document.

Conformance test results

Test passed Yes

Result explanation

The ATLAS Workbench has a validation tool that checks every dataset being uploaded to the SDE Database and rejects any that do not follow the ATLAS Standards Document.

Product specification

Title ATLAS Standards Document

Publication date 2025-04-01 00:00:00

Creation date 2025-04-01 00:00:00

Responsible party - originator

Organization's name North Carolina Department of Transportation - EAU Mitigation and Modeling Unit

Contact's position Environmental Program Consultant

Contact information

Phone

Voice 919-707-6146

Address

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9:00am – 5:00pm Monday - Friday

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Lineage

Lineage statement

Records for this dataset are collected and added as Natural Resources Technical Reports and their associated geospatial data are delivered via the NCDOT ATLAS Workbench web application. When a project team, hired to complete a Natural Resources Technical Report for a particular project, uploads their Threatened and Endangered Species geospatial data into the ATLAS Workbench application, that data is QA/QC'd to ensure schema consistency and if schema is correct that data is appended to the TnE_ProtectedSpeciesPoint dataset in the ATLAS SDE. That data is then published as a REST service to be used by web mapping applications.

Process step

When the process occurred 2019-02-01 00:00:00

Description

QA/QC is conducted on the uploaded data by the ATLAS validation tool, which checks for filename, schema and geometry. If the data passes validation then it is appended to TnEProtectedSpeciesPoint into Edit SDE. The tool writes the URL for the layer to the Edit SDE in the DOC_URL field. Edit SDE is replicated to Pub SDE. Data is now visible as a web service layer.

Process contact - originator

Organization's name North Carolina Department of Transportation - EAU Mitigation and Modeling Unit

Contact's position Environmental Program Consultant

Contact information

Phone

Voice 919-707-6146

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Process step

When the process occurred 2019-02-01 00:00:00

Description

If the data does not pass validation then user receives feedback to upload corrected dataset.

Process contact - originator

Organization's name North Carolina Department of Transportation - EAU Mitigation and Modeling Unit

Contact's position Environmental Program Consultant

Contact information

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Process step

When the process occurred 2019-02-01 00:00:00

Description

The zip shapefile is placed on SharePoint in the ATLAS folder under the appropriate project number and discipline folder.

Process contact - originator

Organization's name North Carolina Department of Transportation - EAU Mitigation and Modeling Unit

Contact's position Environmental Program Consultant

Contact information

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Voice 919-707-6146

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Process step

When the process occurred 2019-02-01 00:00:00

Description

Species points are collected by various contractors conducting field work as part of Natural Resources Technical Report preparation for transportation projects. Field staff use mapping-grade GPS units to record observations. GPS units should be loaded with the "pdeav5.ddf" data dictionary file from NCDOT.

Process contact - originator

Organization's name North Carolina Department of Transportation - EAU Mitigation and Modeling Unit

Contact's position Environmental Program Consultant

Contact information

Phone

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Process step

When the process occurred 2019-02-01 00:00:00

Description

Contractors refer to Standards Document and copy out the Protected Species points template shapefile. The data collected offsite is compiled into this template and zipped up on the contractor's local machine.

Process contact - originator

Organization's name North Carolina Department of Transportation - EAU Mitigation and Modeling Unit

Contact's position Environmental Program Consultant

Contact information

Phone

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Process step

When the process occurred 2019-02-01 00:00:00

Description

The contractor then signs on to the SharePoint Connect site and navigates to the appropriate project and then over to the ATLAS Workbench and the appropriate discipline. In this case it is Threatened & Endangered Species. The data is then uploaded via the Workbench tool by the contractor for validation of the data.

Process contact - processor

Organization's name North Carolina Department of Transportation - EAU Mitigation and Modeling Unit

Contact's position Environmental Program Consultant

Contact information

Phone

Voice 919-707-6146

Address

Type physical

Delivery point Century Center Building B, 1020 Birch Ridge Drive

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Distribution

Distributor

Contact information - distributor

Organization's name North Carolina Department of Transportation - EAU Mitigation and Modeling Unit

Contact's position Environmental Program Consultant

Contact information

Phone

Voice 919-707-6146

Address

Type physical

Delivery point Century Center Building B, 1020 Birch Ridge Drive

City Raleigh

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Distribution format

Name File Geodatabase Feature Class

Version 10.5

Fields

Details for object ProtectedSpeciesPoint

Type Feature Class

Row count 0

Definition

Protected species points

Definition source

NCDOT

Field DateCreate

Alias DateCreated

Data type Date

Width 8
Precision 0
Scale 0

Field description

Date shapefile was compiled

Description source

NCDOT

Range of values

Minimum value 2019

Maximum value 3000

Beginning date of values 2019-02-01

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.

Field Notes

Alias Notes

Data type String

Width 254

Precision 0

Scale 0

Field description

User Notes

Description source

NCDOT

List of values

Value Free Text

Description User Notes

Enumerated domain value definition source NCDOT

Beginning date of values 2019-02-01

Field SProjID

Alias SharePointProjectID

Data type String

Width 254

Precision 0

Scale 0

Field description

Internal Field for SharePoint Project ID. This field is automatically populated by an ATLAS script and is for internal use only. Any data entered into this field will be overwritten.

Description source

NCDOT

Beginning date of values 2019-02-01

Field FromDate

Alias FromDate

Data type Date

Width 8

Precision 0

Scale 0

Field description

Internal Field for start of validity of data. This field is automatically populated by an ATLAS script and is for internal use only. Any data entered into this field will be overwritten.

Description source

NCDOT

Beginning date of values 2019-02-01

Field RptName

Alias ReportName

Data type String

Width 254

Precision 0

Scale 0

Field description

Report name associated with the shapefile.

Description source

NCDOT

List of values

Value Free Text

Description Report name associated with the shapefile.

Enumerated domain value definition source NCDOT

Beginning date of values 2019-02-01

Field ToDate

Alias ToDate

Data type Date

Width 8

Precision 0

Scale 0

Field description

Internal Field for end of validity of data. This field is automatically populated by an ATLAS script and is for internal use only. Any data entered into this field will be overwritten.

Description source

NCDOT

Beginning date of values 2019-02-01

Field SciName

Alias ScientificName

Data type String

Width 100

Precision 0

Scale 0

Field description

Species scientific name

Description source

NCDOT

List of values

Value Lasmigona subviridis

Description Lasmigona subviridis

Enumerated domain value definition source NCDOT-EAU

Value Pegias fabula

Description Pegias fabula

Enumerated domain value definition source NCDOT-EAU

Value Notropis mekistocholas
Description Notropis mekistocholas
Enumerated domain value definition source NCDOT-EAU

Value Carcharhinus longimanus
Description Carcharhinus longimanus
Enumerated domain value definition source NCDOT-EAU

Value Villosa trabalis
Description Villosa trabalis
Enumerated domain value definition source NCDOT-EAU

Value Lasmigona decorata
Description Lasmigona decorata
Enumerated domain value definition source NCDOT-EAU

Value Manta birostris
Description Manta birostris
Enumerated domain value definition source NCDOT-EAU

Value Pleurobema collina
Description Pleurobema collina
Enumerated domain value definition source NCDOT-EAU

Value Acipenser brevirostrum
Description Acipenser brevirostrum
Enumerated domain value definition source NCDOT-EAU

Value Acipenser oxyrhynchus oxyrhynchus
Description Acipenser oxyrhynchus oxyrhynchus
Enumerated domain value definition source NCDOT-EAU

Value Percina rex
Description Percina rex
Enumerated domain value definition source NCDOT-EAU

Value Menidia extensa
Description Menidia extensa
Enumerated domain value definition source NCDOT-EAU

Value Fusconaia masoni
Description Fusconaia masoni
Enumerated domain value definition source NCDOT-EAU

Value Epioblasma florentina walkeri (=E. walkeri)
Description Epioblasma florentina walkeri (=E. walkeri)
Enumerated domain value definition source NCDOT-EAU

Value *Alasmidonta heterodon*
Description *Alasmidonta heterodon*
Enumerated domain value definition source NCDOT-EAU

Value *Alasmidonta raveneliana*
Description *Alasmidonta raveneliana*
Enumerated domain value definition source NCDOT-EAU

Value *Erimonax monachus*
Description *Erimonax monachus*
Enumerated domain value definition source NCDOT-EAU

Value *Elliptio steinstansana*
Description *Elliptio steinstansana*
Enumerated domain value definition source NCDOT-EAU

Value *Alasmidonta varicosa*
Description *Alasmidonta varicosa*
Enumerated domain value definition source NCDOT-EAU

Value *Elliptio lanceolata*
Description *Elliptio lanceolata*
Enumerated domain value definition source NCDOT-EAU

Value *Sagittaria fasciculata*
Description *Sagittaria fasciculata*
Enumerated domain value definition source NCDOT-EAU

Value *Solidago spithamaea*
Description *Solidago spithamaea*
Enumerated domain value definition source NCDOT-EAU

Value *Hexastylis naniflora*
Description *Hexastylis naniflora*
Enumerated domain value definition source NCDOT-EAU

Value *Sarracenia oreophila*
Description *Sarracenia oreophila*
Enumerated domain value definition source NCDOT-EAU

Value *Liatris helleri*
Description *Liatris helleri*
Enumerated domain value definition source NCDOT-EAU

Value *Hudsonia montana*
Description *Hudsonia montana*
Enumerated domain value definition source NCDOT-EAU

Value *Sarracenia rubra* ssp. *jonesii*

Description Sarracenia rubra ssp. jonesii
Enumerated domain value definition source NCDOT-EAU

Value Hedyotis purpurea var. montana
Description Hedyotis purpurea var. montana
Enumerated domain value definition source NCDOT-EAU

Value Gymnoderma lineare
Description Gymnoderma lineare
Enumerated domain value definition source NCDOT-EAU

Value Isotria medeoloides
Description Isotria medeoloides
Enumerated domain value definition source NCDOT-EAU

Value Geum radiatum
Description Geum radiatum
Enumerated domain value definition source NCDOT-EAU

Value Helonias bullata
Description Helonias bullata
Enumerated domain value definition source NCDOT-EAU

Value Spiraea virginiana
Description Spiraea virginiana
Enumerated domain value definition source NCDOT-EAU

Value Sisyrinchium dichotomum
Description Sisyrinchium dichotomum
Enumerated domain value definition source NCDOT-EAU

Value Cardamine micranthera
Description Cardamine micranthera
Enumerated domain value definition source NCDOT-EAU

Value Schwalbea americana
Description Schwalbea americana
Enumerated domain value definition source NCDOT-EAU

Value Oxypolis canbyi
Description Oxypolis canbyi
Enumerated domain value definition source NCDOT-EAU

Value Thalictrum cooleyi
Description Thalictrum cooleyi
Enumerated domain value definition source NCDOT-EAU

Value Carex lutea
Description Carex lutea

Enumerated domain value definition source NCDOT-EAU

Value *Ptilimnium nodosum* (=fluviatile)

Description *Ptilimnium nodosum* (=fluviatile)

Enumerated domain value definition source NCDOT-EAU

Value *Rhus michauxii*

Description *Rhus michauxii*

Enumerated domain value definition source NCDOT-EAU

Value *Lindera melissifolia*

Description *Lindera melissifolia*

Enumerated domain value definition source NCDOT-EAU

Value *Lysimachia asperulaefolia*

Description *Lysimachia asperulaefolia*

Enumerated domain value definition source NCDOT-EAU

Value *Helianthus schweinitzii*

Description *Helianthus schweinitzii*

Enumerated domain value definition source NCDOT-EAU

Value *Amaranthus pumilus*

Description *Amaranthus pumilus*

Enumerated domain value definition source NCDOT-EAU

Value *Aeschynomene virginica*

Description *Aeschynomene virginica*

Enumerated domain value definition source NCDOT-EAU

Value *Echinacea laevigata*

Description *Echinacea laevigata*

Enumerated domain value definition source NCDOT-EAU

Value *Myotis sodalis*

Description *Myotis sodalis*

Enumerated domain value definition source NCDOT

Value *Myotis septentrionalis*

Description *Myotis septentrionalis*

Enumerated domain value definition source NCDOT-EAU

Value *Plecotus townsendii virginianus*

Description *Plecotus townsendii virginianus*

Enumerated domain value definition source NCDOT-EAU

Value *Myotis grisescens*

Description *Myotis grisescens*

Enumerated domain value definition source NCDOT-EAU

Value Charadrius melodus
Description Charadrius melodus
Enumerated domain value definition source NCDOT-EAU

Value Calidris canutus rufa
Description Calidris canutus rufa
Enumerated domain value definition source NCDOT-EAU

Value Sterna dougallii dougallii
Description Sterna dougallii dougallii
Enumerated domain value definition source NCDOT-EAU

Value Mycteria americana
Description Mycteria americana
Enumerated domain value definition source NCDOT-EAU

Value Picoides borealis
Description Picoides borealis
Enumerated domain value definition source NCDOT-EAU

Value Haliaeetus leucocephalus
Description Haliaeetus leucocephalus
Enumerated domain value definition source NCDOT-EAU

Value Canis rufus
Description Canis rufus
Enumerated domain value definition source NCDOT-EAU

Value Glaucmys sabrinus
Description Glaucmys sabrinus
Enumerated domain value definition source NCDOT-EAU

Value Trichechus manatus
Description Trichechus manatus
Enumerated domain value definition source NCDOT-EAU

Value Balaenoptera musculus
Description Balaenoptera musculus
Enumerated domain value definition source NCDOT-EAU

Value Balaenoptera physalus
Description Balaenoptera physalus
Enumerated domain value definition source NCDOT-EAU

Value Eubalaena glacialis
Description Eubalaena glacialis
Enumerated domain value definition source NCDOT-EAU

Value Balaenoptera borealis
Description Balaenoptera borealis
Enumerated domain value definition source NCDOT-EAU

Value Physeter macrocephalus
Description Physeter macrocephalus
Enumerated domain value definition source NCDOT-EAU

Value Chelonia mydas
Description Chelonia mydas
Enumerated domain value definition source NCDOT-EAU

Value Eretmochelys imbricata
Description Eretmochelys imbricata
Enumerated domain value definition source NCDOT-EAU

Value Lepidochelys kempii
Description Lepidochelys kempii
Enumerated domain value definition source NCDOT-EAU

Value Dermochelys coriacea
Description Dermochelys coriacea
Enumerated domain value definition source NCDOT-EAU

Value Caretta caretta
Description Caretta caretta
Enumerated domain value definition source NCDOT-EAU

Value Neonympha mitchellii francisci
Description Neonympha mitchellii francisci
Enumerated domain value definition source NCDOT-EAU

Value Bombus affinis
Description Bombus affinis
Enumerated domain value definition source NCDOT-EAU

Value Microhexura montivaga
Description Microhexura montivaga
Enumerated domain value definition source NCDOT-EAU

Value Peters clarkia nantahala
Description Peters clarkia nantahala
Enumerated domain value definition source NCDOT-EAU

Value Alligator mississippiensis
Description Alligator mississippiensis
Enumerated domain value definition source NCDOT-EAU

Value Glyptemys muhlenbergii

Description Glyptemys muhlenbergii
Enumerated domain value definition source NCDOT-EAU

Beginning date of values 2019-02-01

Field ComName

Alias CommonName

Data type String

Width 100

Precision 0

Scale 0

Field description

Species Common Name

Description source

NCDOT

List of values

Value Appalachian elktoe

Description Appalachian elktoe

Enumerated domain value definition source NCDOT - EAU

Value Carolina heelsplitter

Description Carolina heelsplitter

Enumerated domain value definition source NCDOT - EAU

Value Cumberland bean (pearlymussel)

Description Cumberland bean (pearlymussel)

Enumerated domain value definition source NCDOT - EAU

Value dwarf wedgemussel

Description dwarf wedgemussel

Enumerated domain value definition source NCDOT - EAU

Value James spiny mussel

Description James spiny mussel

Enumerated domain value definition source NCDOT - EAU

Value littlewing pearlymussel

Description littlewing pearlymussel

Enumerated domain value definition source NCDOT - EAU

Value Tar River spiny mussel

Description Tar River spiny mussel

Enumerated domain value definition source NCDOT - EAU

Value tan riffleshell

Description tan riffleshell
Enumerated domain value definition source NCDOT - EAU

Value yellow lance
Description yellow lance
Enumerated domain value definition source NCDOT - EAU

Value Atlantic pigtoe
Description Atlantic pigtoe
Enumerated domain value definition source NCDOT - EAU

Value green floater
Description green floater
Enumerated domain value definition source NCDOT - EAU

Value brook floater
Description brook floater
Enumerated domain value definition source NCDOT - EAU

Value Cape Fear shiner
Description Cape Fear shiner
Enumerated domain value definition source NCDOT - EAU

Value Roanoke logperch
Description Roanoke logperch
Enumerated domain value definition source NCDOT - EAU

Value shortnose sturgeon
Description shortnose sturgeon
Enumerated domain value definition source NCDOT - EAU

Value spotfin chub
Description spotfin chub
Enumerated domain value definition source NCDOT - EAU

Value Waccamaw silverside
Description Waccamaw silverside
Enumerated domain value definition source NCDOT - EAU

Value Atlantic sturgeon
Description Atlantic sturgeon
Enumerated domain value definition source NCDOT - EAU

Value oceanic whitetip shark
Description oceanic whitetip shark
Enumerated domain value definition source NCDOT - EAU

Value giant manta ray
Description giant manta ray

Enumerated domain value definition source NCDOT - EAU

Value bunched arrowhead

Description bunched arrowhead

Enumerated domain value definition source NCDOT - EAU

Value Blue ridge goldenrod

Description Blue ridge goldenrod

Enumerated domain value definition source NCDOT - EAU

Value dwarf-flowered heartleaf

Description dwarf-flowered heartleaf

Enumerated domain value definition source NCDOT - EAU

Value green pitcher plant

Description green pitcher plant

Enumerated domain value definition source NCDOT - EAU

Value Heller's blazing star

Description Heller's blazing star

Enumerated domain value definition source NCDOT - EAU

Value mountain golden heather

Description mountain golden heather

Enumerated domain value definition source NCDOT - EAU

Value mountain sweet pitcher plant

Description mountain sweet pitcher plant

Enumerated domain value definition source NCDOT - EAU

Value roan mountain bluet

Description roan mountain bluet

Enumerated domain value definition source NCDOT - EAU

Value rock gnome lichen

Description rock gnome lichen

Enumerated domain value definition source NCDOT - EAU

Value small whorled pogonia

Description small whorled pogonia

Enumerated domain value definition source NCDOT - EAU

Value spreading avens

Description spreading avens

Enumerated domain value definition source NCDOT - EAU

Value swamp pink

Description swamp pink

Enumerated domain value definition source NCDOT - EAU

Value Virginia spiraea
Description Virginia spiraea
Enumerated domain value definition source NCDOT - EAU

Value white irisette
Description white irisette
Enumerated domain value definition source NCDOT - EAU

Value small-anthered bittercress
Description small-anthered bittercress
Enumerated domain value definition source NCDOT - EAU

Value American chaffseed
Description American chaffseed
Enumerated domain value definition source NCDOT - EAU

Value Canby's dropwort
Description Canby's dropwort
Enumerated domain value definition source NCDOT - EAU

Value Cooley's meadowrue
Description Cooley's meadowrue
Enumerated domain value definition source NCDOT - EAU

Value golden sedge
Description golden sedge
Enumerated domain value definition source NCDOT - EAU

Value Harperella
Description Harperella
Enumerated domain value definition source NCDOT - EAU

Value Michaux's sumac
Description Michaux's sumac
Enumerated domain value definition source NCDOT - EAU

Value Pondberry
Description Pondberry
Enumerated domain value definition source NCDOT - EAU

Value rough-leaf loosestrife
Description rough-leaf loosestrife
Enumerated domain value definition source NCDOT - EAU

Value Schweinitz's sunflower
Description Schweinitz's sunflower
Enumerated domain value definition source NCDOT - EAU

Value seabeach amaranth
Description seabeach amaranth
Enumerated domain value definition source NCDOT - EAU

Value sensitive joint-vetch
Description sensitive joint-vetch
Enumerated domain value definition source NCDOT - EAU

Value smooth coneflower
Description smooth coneflower
Enumerated domain value definition source NCDOT - EAU

Value Indiana bat
Description Indiana bat
Enumerated domain value definition source NCDOT - EAU

Value northern long-eared bat (NLEB)
Description northern long-eared bat (NLEB)
Enumerated domain value definition source NCDOT - EAU

Value Virginia big-eared bat
Description Virginia big-eared bat
Enumerated domain value definition source NCDOT - EAU

Value gray bat
Description gray bat
Enumerated domain value definition source NCDOT - EAU

Value piping plover
Description piping plover
Enumerated domain value definition source NCDOT - EAU

Value red knot
Description red knot
Enumerated domain value definition source NCDOT - EAU

Value roseate tern
Description roseate tern
Enumerated domain value definition source NCDOT - EAU

Value wood stork
Description wood stork
Enumerated domain value definition source NCDOT - EAU

Value red-cockaded woodpecker (RCW)
Description red-cockaded woodpecker (RCW)
Enumerated domain value definition source NCDOT - EAU

Value bald eagle

Description bald eagle
Enumerated domain value definition source NCDOT - EAU

Value red wolf
Description red wolf
Enumerated domain value definition source NCDOT - EAU

Value Carolina northern flying squirrel
Description Carolina northern flying squirrel
Enumerated domain value definition source NCDOT - EAU

Value West Indian manatee
Description West Indian manatee
Enumerated domain value definition source NCDOT - EAU

Value blue whale
Description blue whale
Enumerated domain value definition source NCDOT - EAU

Value fin whale
Description fin whale
Enumerated domain value definition source NCDOT - EAU

Value North Atlantic right whale
Description North Atlantic right whale
Enumerated domain value definition source NCDOT - EAU

Value sei whale
Description sei whale
Enumerated domain value definition source NCDOT - EAU

Value sperm whale
Description sperm whale
Enumerated domain value definition source NCDOT - EAU

Value green sea turtle
Description green sea turtle
Enumerated domain value definition source NCDOT - EAU

Value hawksbill sea turtle
Description hawksbill sea turtle
Enumerated domain value definition source NCDOT - EAU

Value Kemp's Ridley sea turtle
Description Kemp's Ridley sea turtle
Enumerated domain value definition source NCDOT - EAU

Value leatherback sea turtle
Description leatherback sea turtle

Enumerated domain value definition source NCDOT - EAU

Value loggerhead sea turtle

Description loggerhead sea turtle

Enumerated domain value definition source NCDOT - EAU

Value St. Francis Satyr Butterfly

Description St. Francis Satyr Butterfly

Enumerated domain value definition source NCDOT - EAU

Value rusty-patched bumble bee

Description rusty-patched bumble bee

Enumerated domain value definition source NCDOT - EAU

Value spruce-fir moss spider

Description spruce-fir moss spider

Enumerated domain value definition source NCDOT - EAU

Value noonday snail

Description noonday snail

Enumerated domain value definition source NCDOT - EAU

Value American alligator

Description American alligator

Enumerated domain value definition source NCDOT - EAU

Value bog turtle

Description bog turtle

Enumerated domain value definition source NCDOT - EAU

Field DocURL

Alias DocumentURL

Data type String

Width 254

Precision 0

Scale 0

Field description

Document URL for SharePoint. Internal Field for Document URL for location on SharePoint. This field is automatically populated by an ATLAS script and is for internal use only. Any data entered into this field will be

Description source

NCDOT

Beginning date of values 2019-02-01

Field ProjNumber

Alias ProjectNumber

Data type String
Width 254
Precision 0
Scale 0

Field description

DOT Project Number (TIP etc.)

Description source

NCDOT

List of values

Value Free Text

Description DOT Project Number

Enumerated domain value definition source NCDOT

Beginning date of values 2019-02-01

Field ContName

Alias ContractorName

Data type String

Width 254

Precision 0

Scale 0

Field description

Internal Field for name of Contractor that collected and produced the data. This field is automatically populated by an ATLAS script and is for internal use only. Any data entered into this field will be overwritten.

Description source

NCDOT

Beginning date of values 2019-02-01

Field HabitatCom

Alias HabCom

Data type String

Width 254

Precision 0

Scale 0

Field description

Brief description of the known habitats in which an element is found.

Description source

NCDOT

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.

Field SurveyDate

Alias SurveyDate

Data type Date

Width 8

Precision 0

Scale 0

Field description

Date Survey conducted for element occurrence

Description source

NCDOT

Field FirstObs

Alias FirstObs

Data type Date

Width 8

Precision 0

Scale 0

Field description

Date element occurrence was first observed

Description source

NCDOT

Field SurveySite

Alias SurveySite

Data type String

Width 254

Precision 0

Scale 0

Field description

Description of Survey site

Description source

NCDOT

Field EOData

Alias EOData

Data type String

Width 254

Precision 0

Scale 0

Field description

Element Occurrence data description

Description source

NCDOT

Field Surveyors

Alias Surveyors

Data type String

Width 254

Precision 0

Scale 0

Field description

Names of surveyors

Description source

NCDOT

Field GenDesc

Alias GenDesc

Data type String

Width 254

Precision 0

Scale 0

Field description

Any other general description

Description source

NCDOT

Field ProjURL

Alias ProjectURL

Data type String

Width 300

Precision 0

Scale 0

Field description

Internal Field for Sharepoint folder location URL. This field is automatically populated by an ATLAS script and is for internal use only. Any data entered into this field will be overwritten.

Description source

NCDOT

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 2025-03-27

ArcGIS metadata properties

Metadata format ArcGIS 1.0

Metadata style ISO 19139 Metadata Implementation Specification

Standard or profile used to edit metadata ISO19139

Created in ArcGIS for the item 2025-11-03 18:14:16

Last modified in ArcGIS for the item 2025-03-27 21:43:32

Automatic updates

Have been performed Yes

Last update 2025-03-27 21:43:32

Metadata Contacts

Metadata contact - point of contact

Organization's name North Carolina Department of Transportation - EAU Mitigation and Modeling Unit

Contact's position Environmental Program Consultant

Contact information

Phone

Voice 919-707-6146

Address

Type physical

Delivery point Century Center Building B, 1020 Birch Ridge Drive

City Raleigh

Administrative area NC

Postal code 27610

Country US

e-mail address ATLAS@ncdot.gov

Hours of service

9:00am – 5:00pm Monday - Friday

Contact instructions

Please send an email with any issues, questions or comments regarding the ATLAS Data Search Tool, ATLAS Screening Tool or ATLAS Workbench. If it is an immediate need, please call the contact number or indicate as such in the subject line in an email.

Metadata Maintenance

Maintenance

Update frequency as needed

Maintenance contact - originator

Organization's name North Carolina Department of Transportation - EAU Mitigation and Modeling Unit

Contact's position Environmental Program Consultant

Contact information

Phone

Voice 919-707-6146

Address

Type physical

Delivery point Century Center Building B, 1020 Birch Ridge Drive

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Metadata Constraints

Security constraints

Classification unclassified

Classification system None

Limitations of use

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Thumbnail and Enclosures

Thumbnail

Thumbnail type

Image file